

Introduction

Product Facts

- Straight, right-angle and receptacle-tab combinations available
- Receptacles available for 6.3 mm, 4.8 mm and 2.8 mm tab size (.250, .187 and .110 Series)
- Receptacles mate with 0.5 and 0.8 mm thick tabs
- Low insertion force (LIF) receptacles available
- IEC 60335-1, Glow Wire 750° NO FLAME Housings available
- RoHS compliant

Materials and Finish

Contacts:

Brass, phosphor bronze and steel base material. Tin, silver and nickel plated products available.

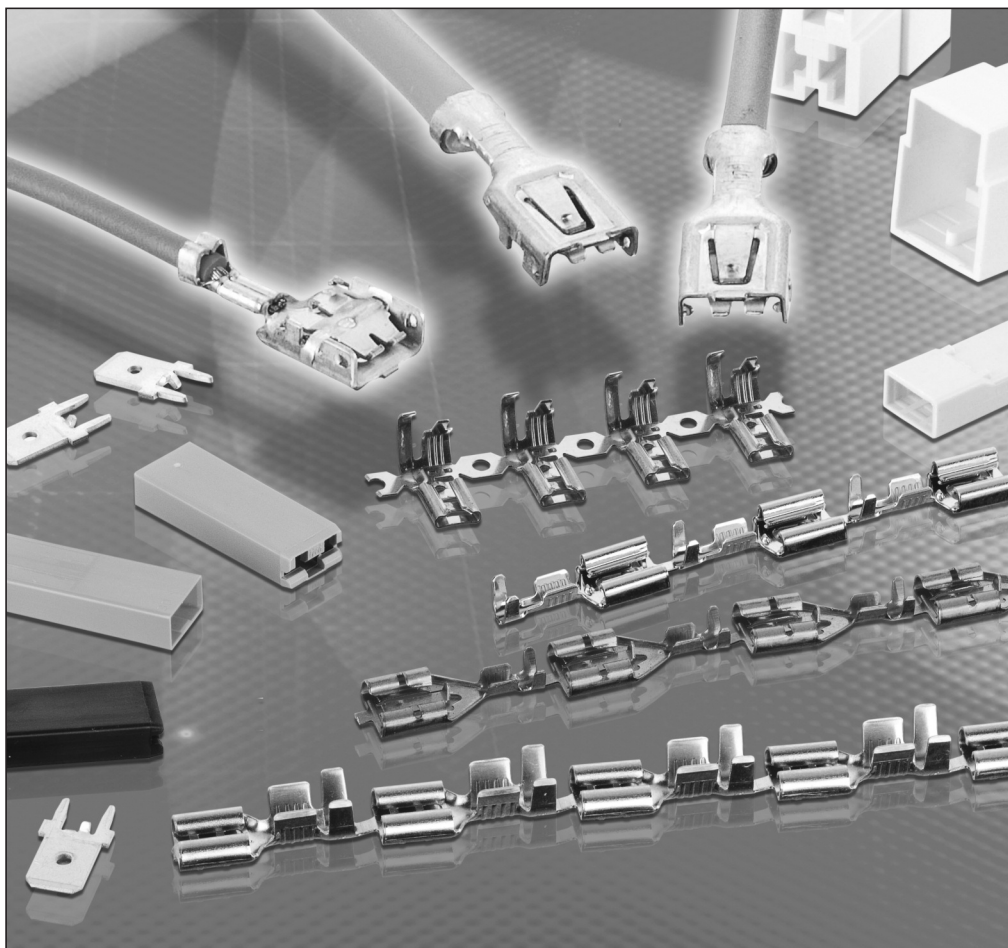
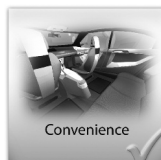
Housings:

Polyamide, polycarbonate, polyethylene, UL 94 V-2 and UL 94 V-0 rated.

Performance Data

Current Rating:

20 A max with 2.5 mm² wire size.
For steel-nickel plated versions use 16 A max with 2.5 mm² wire size.



Technical Documents

Product Specifications:

108-20019 FASTON Receptacles
2.8 mm, 4.8 mm, 6.3 mm
(.110, .187, .250 Series)

108-19084 FASTON Receptacles
LIF 6.3 mm (.250 Series)

108-19077 FASTON Receptacles
LIF 4.8 mm (.187 Series)

Application Specifications:

114-20023 FASTON Receptacles
6.3 mm (.250 Series)

114-20081 FASTON Receptacles
4.8 mm (.187 Series)

114-20088 FASTON Receptacles
Flag 6.3 mm (.250 Series)

The TE Connectivity FASTON Connection System product line consists of receptacles, tabs, splices and housings specifically designed for quick connections.

The large variety of sizes and available types will enable you to select a contact to fit your needs.

Receptacles available in both straight and flag type, come in a variety of sizes and are designated numerically by a series number which corresponds to the width of the mating tab.

Straight receptacles are available with or without insulation support. Insulation diameters of 1.2 mm to 6.7 mm are accommodated by the insulation support receptacle.

The product line offers speed application, uniform reliability and low per line cost.

Speed for application is achieved through the use of application tools for which a complete line has been developed specifically for these terminals.

Over forty years of history has proven the reliability of this product line.

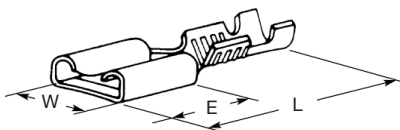
Built-in features also add to the reliability of FASTON products which include: crimping dimensions for each terminal which are precisely controlled providing all connections with excellent performance; low per line cost derived from low initial product cost, high application speeds, and plug-in assemblies of the finished termination as well.

The combination of these features brings the user the lowest overall costs for quick connect/disconnect terminations.

FASTON Connection System

Straight Receptacles 6.3 mm (.250 Series)

Standard Series



A – Standard Series

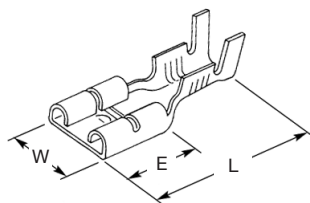
Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.3–0.8	2.3–3.3	0.8	Brass	7.6	19.1	7.7	280000-7
				Brass, tin plated				280000-6
				Phosphor bronze				140760-4
				Phosphor bronze, tin plated				140760-2
				Steel, nickel plated				160389-3
	0.5–1.0	1.4–2.0	0.8	Phosphor bronze, tin plated	7.5	16.4	7.7	444156-2
				Brass, tin plated				444156-4
	0.5–1.0	2.0–3.3	0.8	Brass	7.6	16.3	7.7	880683-1
				Brass, tin plated				880683-2
				Phosphor bronze				880683-3
	0.5–1.5	2.3–3.3	0.8	Brass	7.6	19.1	7.7	5-160432-3
				Brass, tin plated				5-160432-4
				Brass, silver plated				5-160432-7
				Phosphor bronze				6-160432-4
				Phosphor bronze, tin plated				6-160432-0
				Steel, nickel plated				6-160432-3
	1.0–2.5	3.0–4.0	0.8	Nickel, silver plated	7.5	17.1	7.7	160807-2
				Brass				880045-1
	1.0–2.5	3.0–4.3	0.8	Brass, tin plated	7.6	19.1	7.7	880045-2
				Brass				2-160256-1
				Brass, tin plated				280001-9
				Brass, tin plated				2-160256-2
				Brass, silver plated				4-160256-7
				Phosphor bronze				4-160256-5
				Phosphor bronze, tin plated				3-160256-1
				Phosphor bronze, silver plated				4-160256-6
				Steel, nickel plated				4-160256-2
				Nickel, silver plated				160808-2
	4.0–6.0	3.8–5.1	0.8	Brass	7.6	19.3	7.8	180363-1
				Brass, tin plated				180363-2
				Phosphor bronze				2-160301-9
				Phosphor bronze, tin plated				1-160301-9

Related to DIN 46247

FASTON Connection System

**Straight Receptacles LIF –
Low Insertion Force
6.3 mm (.250 Series)**

The Low Insertion Force (LIF) type receptacle offers lower insertion forces than the other receptacle styles thru the unique design features of a two-stage receptacle and a cantilever mounted locking dimple.



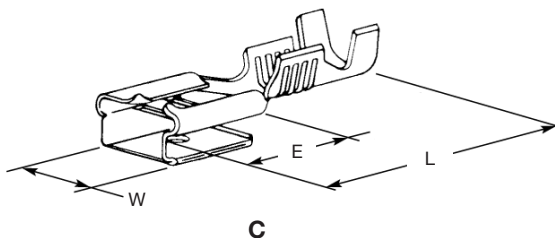
B – Low Insertion Force

Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
B	0.3–0.8	2.3–3.3	0.8	Brass	7.6	17.1	7.7	336235-1*
				Brass, tin plated				336235-3*
				Brass				444334-1
				Brass, tin plated				444334-2
				Brass				444334-3
				Brass				100495-1
	0.5–1.5	2.3–3.3	0.8	Brass, tin plated	7.6	19.1	7.7	100495-2
				Phosphor bronze, tin plated				100495-4
				Brass, tin plated				100570-2
				Phosphor bronze, tin plated				100605-7
				Steel, nickel plated				63674-1
				Brass				336236-1*
	1.0–2.5	3.0–4.3	0.8	Brass, tin plated	7.6	17.1	7.7	336236-3*
				Brass				444335-1
				Brass, tin plated				444335-2
				Brass				444335-3
				Brass				

*) Alternate design features – see drawing for details.

FASTON Connection System

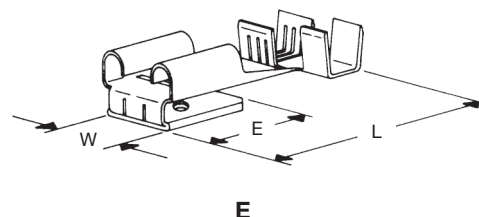
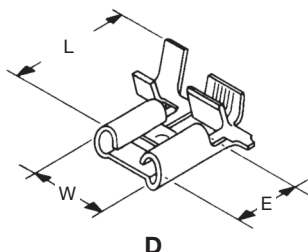
Straight Receptacles and Tab Combinations 6.3 mm (.250 Series)



Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
C	0.3–0.8	1.5–2.8	0.8	Brass	7.6	19.6	7.7	61988-1
				Brass, tin plated				61988-2
	0.8–2.5	3.0–4.3	0.8	Brass	7.6	20.1	7.7	160739-1
				Brass, tin plated				160739-2
				Phosphor bronze, tin plated				160739-4
				Steel, nickel plated				160739-6

Related to DIN 46345

Flag Receptacles 6.3 mm (.250 Series)



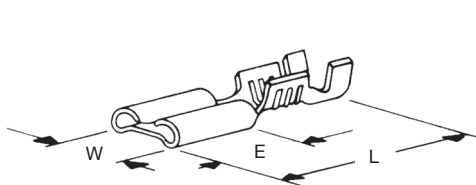
Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
D	0.5–1.5	2.3–3.3	0.8	Brass	7.6	15.5	7.6	280050-1
				Brass, tin plated				280050-2
				Phosphor bronze				280050-4
				Phosphor bronze, tin plated				280050-7
				Steel, nickel plated				280050-3
	1.0–2.5	2.4–3.8	0.8	Brass	7.6	15.5	7.6	180464-1
				Brass, tin plated				180464-2
				Brass, silver plated				180464-9
				Phosphor bronze				2-180464-4
				Phosphor bronze, tin plated				180464-5
				Steel, nickel plated				63963-1
E	0.8–2.5	3.0–4.3	0.8	Brass	7.6	16.0	7.6	151321-1
				Brass, tin plated				151321-2

Related to DIN 46346 form A (D Style)

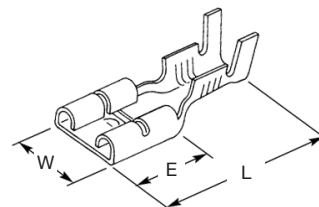
FASTON Connection System

**Straight Receptacles
4.8 mm (.187 Series)**

The Low Insertion Force (LIF) type B receptacle offers lower insertion forces than the other receptacle styles thru the unique design features of a two-stage receptacle and a cantilever mounted locking dimple.



A – Standard Series

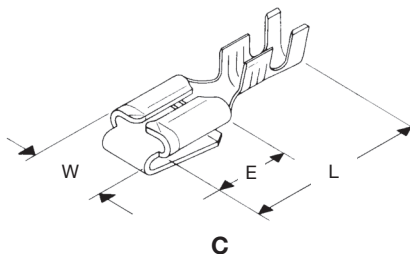


B – Low Insertion Force

Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.5–1.0	2.0–3.3	0.5	Brass	5.6	15.1	6.4	881623-8
				Brass, tin plated				881623-9
			0.8	Brass				881623-1
				Brass, tin plated				881623-2
	0.5–1.5	2.3–3.3	0.5	Brass	5.6	15.0	6.3	5-160433-1
				Brass, tin plated				5-160433-6
				Phosphor bronze, tin plated				6-160433-5
				Steel, nickel plated				5-160433-4
				Brass, tin plated				170037-9
			0.8	Brass				6-160430-6
				Brass, tin plated				5-160430-7
				Phosphor bronze, tin plated				5-160430-6
				Steel, nickel plated				5-160430-4
			0.5	Brass				881624-6
				Brass, tin plated				881624-2
				Brass, tin plated				5-160431-2
	1.0–2.5	3.0–3.4	0.8	Brass	5.6	15.0	6.3	5-160429-1
				Brass, tin plated				5-160429-2
				Phosphor bronze, tin plated				5-160429-6
				Steel, nickel plated				5-160429-4
				Steel, nickel plated				5-160429-4
B	0.3–0.8	1.4–2.4	0.8	Brass	5.6	15.0	6.3	338011-1
	0.5–1.3	3.0–4.3	0.8	Brass	5.6	15.0	6.3	63475-1
				Brass, tin plated				63475-2
	0.5–1.5	2.3–3.3	0.5	Brass, tin plated	5.6	15.0	6.3	100651-2
			0.8	Brass, tin plated				100494-2

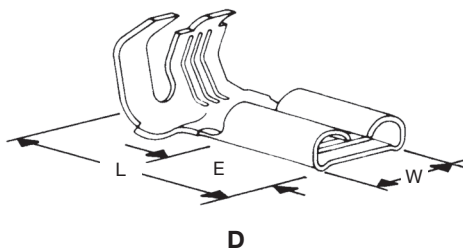
FASTON Connection System

Receptacles and Tab Combinations 4.8 mm (.187 Series)



Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
C	0.5–1.5	2.3–3.3	0.5	Brass	5.7	15.6	5.7	62026-1
				Brass, tin plated				62026-2
			0.8	Brass	5.7	15.6	5.7	63646-1
				Brass, tin plated				63646-2
	1.0–2.5	2.8–4.0	0.5	Brass, tin plated	5.7	15.6	5.7	1217151-1

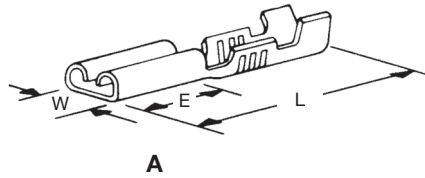
Flag Receptacles 4.8 mm (.187 Series)



Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
D	0.5–1.5	2.8–4.3	0.8	Brass	5.6	13.5	6.3	150699-1
				Brass, tin plated				150699-2

FASTON Connection System

**Straight Receptacles
2.8 mm (.110 Series)**

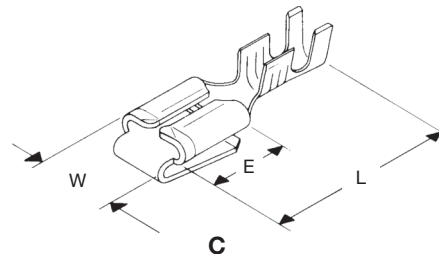
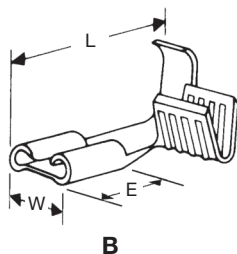


Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.05–0.15	0.8–1.3	0.5	Brass	3.7	14.0	6.3	160597-1
				Brass, tin plated				160597-4
	0.15–0.32	1.02–2.03	0.8	Brass	3.7	14.0	6.3	493249-1
				Brass, tin plated				493249-2
	0.15–0.35	0.9–1.6	0.5	Brass, tin plated	3.7	11.7	4.0	160666-5
			0.8	Brass	3.7	14.0	6.3	160772-1
				Brass, tin plated				160772-3
			0.5	Brass, tin plated	3.7	16.1	6.3	140716-2
	0.20–0.35	1.0–1.5	0.5	Brass	3.7	15.4	6.3	150500-1
				Brass, tin plated				150500-2
			0.8	Brass	3.7	15.4	6.3	150545-1
				Brass, tin plated				150545-2
	0.3–0.5	1.3–2.0	0.5	Brass	3.7	14.0	6.3	5-160316-1
				Brass, tin plated				5-160316-2
			0.8	Brass	3.7	14.0	6.3	5-160303-1
				Brass, tin plated				5-160303-2
	0.3–0.8	1.5–2.5	0.5	Brass	3.7	16.1	6.3	140717-1
				Brass, tin plated				140717-2
	0.3–1.0	1.2–2.5	0.8	Brass	3.7	16.1	6.3	140825-1
				Brass, tin plated				140825-2
		1.4–2.0	0.5	Brass	3.7	14.5	6.3	444149-1
				Brass, tin plated				444149-2
			0.5	Brass, tin plated	3.7	14.0	6.3	626061-2
				Brass, tin plated				626060-2
	0.5–1.0	2.0–2.7	0.5	Brass	3.7	14.5	6.3	881608-1
				Brass, tin plated				881608-2
			0.8	Brass	3.7	14.5	6.3	881607-1
				Brass, tin plated				881607-2
	2.0–3.0		0.5	Brass	3.7	14.0	6.3	160484-1
				Brass, tin plated				160484-4
			0.8	Brass	3.7	14.0	6.3	5-160555-1
				Brass, tin plated				5-160555-2
	0.5–1.5	1.5–2.8	0.5	Brass	3.7	14.0	6.3	180437-1
				Brass, tin plated				180437-2
			0.8	Brass	3.7	14.0	6.3	180423-1
				Brass, tin plated				180423-2
		2.03–3.04	0.5	Brass	3.7	14.0	6.3	444881-1
				Brass, tin plated				444881-2
				Brass				626042-1
				Brass, tin plated				626042-2
			0.8	Brass	3.7	14.0	6.3	626041-1
				Brass, tin plated				626041-2

Related to DIN 46247

FASTON Connection System

Flag Receptacle & Receptacle and Tab Combinations 2.8 mm (.110 Series)

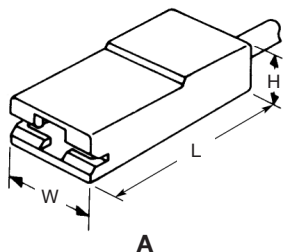


Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
B	0.3–0.8	1.7–2.6	0.5	Brass	3.8	11.7	4.6	141352-1
				Brass, tin plated				141352-2
			0.8	Brass	3.8	11.7	4.6	141352-3
				Brass, tin plated				141352-4
	0.5–1.3	–	0.5	Brass	3.7	9.3	5.0	880549-1
			0.8	Brass				626481-1
C	0.3–0.8	1.5–2.5	0.5	Brass	3.8	16.0	6.3	62003-1
				Brass, tin plated				62003-2
		2.0–3.0	0.8	Brass	3.8	16.0	6.3	63961-1
				Brass, tin plated				1217145-1
				Brass				63961-1
				Brass, tin plated				1217145-1

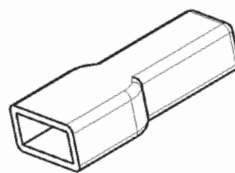
FASTON Connection System

**Housings & Insulation Sleeves
for FASTON Receptacles**

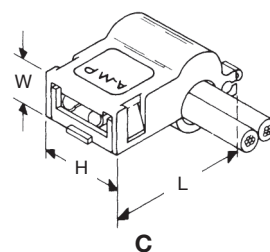
**6.3 mm (.250 Series)
4.8 mm (.187 Series)
2.8 mm (.110 Series)**



A



B



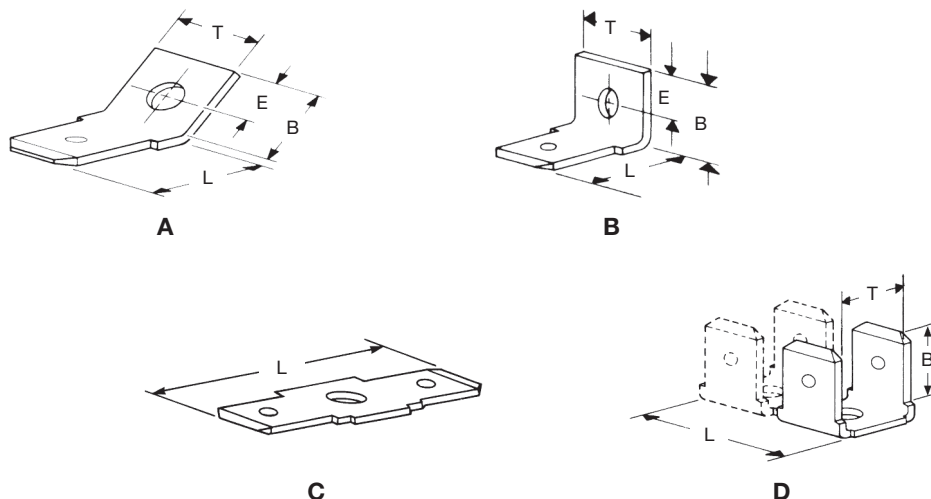
C

Style	Size (mm)	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
						W	L	H	
A	2.8	Polyamide	Natural	–	–	5.0	18.0	5.0	926410-1
		Polyamide	Natural	–	–	5.0	20.0	5.0	925387-1
		Polycarbonate	Natural	V-0	–	5.0	20.0	5.0	925387-2
		Polyamide	Natural	V-2	–	5.8	20.0	6.1	1-480417-0
			Black	V-2	–				1-480417-1
		Polyamide	Natural	V-2	–	5.8	20.8	4.8	141628-2
	2.8	Polyamide	Black	V-2	–	5.8	20.8	4.8	141628-4
			Natural	V-0	GWT 750° No Flame				141628-5
			Natural	V-2	–	7.8	19.7	6.0	1-480435-0
	4.8	Polyamide	Natural	V-2	GWT 750° No Flame	7.8	19.7	6.0	1-480435-5
			Natural	V-0	GWT 750° No Flame	7.1	19.9	5.5	2-880488-2
			Natural	V-2	–	9.0	25.3	6.4	280232-0
	Red	V-2	–	280232-1					
	Black	V-2	–	280232-5					
	Natural	V-0	–	280232-6					
	6.3	Polyamide	Natural	V-2	GWT 750° No Flame	9.0	24.4	5.3	280232-8
			Natural	V-0	GWT 750° No Flame	9.0	24.4	5.3	8-735075-0
			Natural	V-2	GWT 750° No Flame	9.1	24.4	4.7	969518-2
				–					969518-3
			Natural	V-2	–	9.3	24.4	5.3	336369-1
			Black	V-2	–				336369-5
			Natural	V-0	–				3-336369-1
			Black	V-0	–				3-336369-5
			Natural	V-2	–				926539-1
			Red	V-2	–				926539-2
			Black	V-2	–				926539-3
			Brown	V-2	–				926539-7
			Natural	V-2	140° Max. Temperature	9.2	24.4	6.0	1-926539-6
			Natural	V-2	170° Max. Temperature				1-926539-7
			PBT	Black	V-0				140° Max. Temperature
		Polyamide	Natural	V-2	–	8.9	25.4	–	280233-0
2.8	Polyethylene	Natural	–	–	5.2	18.5	3.2	735052-0	
4.8	Soft Vinyl Chloride	–	–	–	5.8	20.0	2.2	1-170823-4	
B	6.3	Polyamide	Natural	–	–	9.0	22.5	5.0	2-180930-0
			Black	–	–				2-180930-5
			Natural	V-2	GWT 750° No Flame				3-180930-0
			Natural	–	–	9.0	22.8	5.0	180460-0
			Natural	–	–	9.0	21.6	5.0	1-925017-0
			Black	–	–				1-925017-5
		Polypropylene	Natural	–	–				3-925017-0
		4.8	Polyamide	Natural	V-2	for Tab-Lok Flag FASTON	5.8	10.9	8.1
C	6.3	Polyamide	Natural	V-2	–	5.6	18.5	14.2	180984-0
			Red	V-2	–				180984-1
			Black	V-2	–				180984-5
			Natural	V-0	–				8-180984-0
			Black	V-0	–				8-180984-1
			Natural	V-2	GWT 750° No Flame				8-180984-2

FASTON Connection System

**Tabs – Stud Mount Type
6.3 mm (.250 Series)**

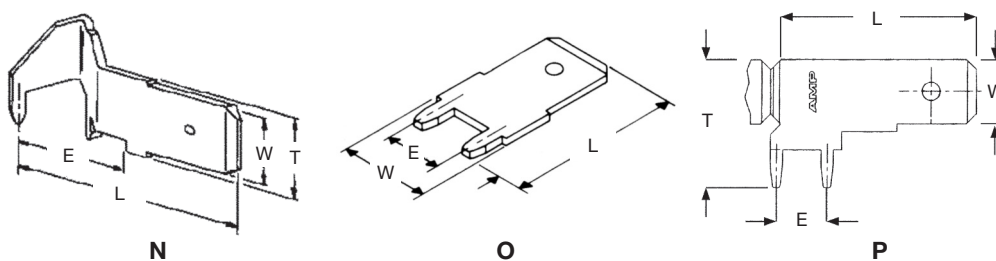
Tab Thickness: 0.8 mm



Style	Angle	Stud Diameter (mm)	Material and Finish	Dimensions (mm)				Part Number
				B	L	E	T	
A	45°	4.15	Brass	9.0	8.9	4.0	8.0	181949-1
			Brass, tin plated					181949-2
		5.25	Brass					181948-1
			Brass, tin plated					181948-2
	30°	5.25	Brass, tin plated	9.0	8.9	4.0	8.0	284688-2
B	–	4.15	Brass	10.0	10.3	4.0	8.0	181953-1
			Brass, tin plated					181953-2
C	–	4.15	Brass, tin plated	–	30.0	–	–	182079-2
D	–	3.15	Brass	7.9	17.5	–	10.5	182767-1

**Tabs – Printed Circuit Board
6.3 mm (.250 Series)**

Tab Thickness: 0.8 mm

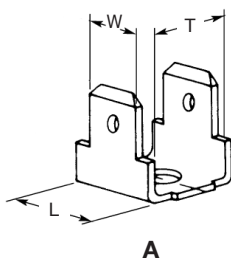


Style	Material and Finish	Dimensions (mm)				Part Number
		W	L	E	T	
N	Brass, tin plated	6.3	20.0	10.50	7.5	160650-2
	Brass, tin plated	6.3	17.0	5.00	–	725964-2
O	Brass, tin plated	6.3	14.0	5.08	–	726386-2
	Brass, tin plated	6.3	16.5	5.00	–	964046-2
P	Brass, tin plated	6.3	16.0	5.00	11.1	928814-1
	Brass, tin plated	6.3	16.0	5.00	11.1	928814-2

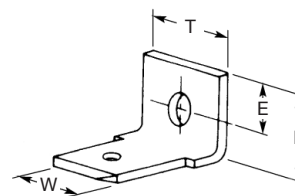
FASTON Connection System

**Tabs – Stud Mount Type
4.8 mm (.187 Series)**

Tab Thickness: 0.5 mm



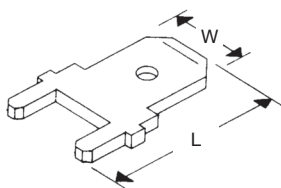
A



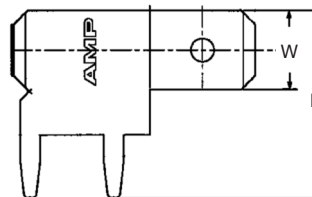
B

Style	Stud Diameter (mm)	Material and Finish	Dimensions (mm)				Part Number
			W	L	E	T	
A	3.3	Brass, tin plated	4.8	7.0	–	6.7	170001-2
B	3.3	Brass, tin plated	4.8	7.3	3.1	6.7	170001-3

**Tabs – Printed Circuit Board
4.8 mm (.187 Series)**



C



D

Style	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
			W	L	T	
C	0.5	Brass, tin plated	4.8	14.0	–	726388-2
	0.8	Brass, tin plated				1-726388-2
D	0.5	Brass, tin plated	4.8	13.0	–	726389-2
	0.8	Brass, tin plated				1-726389-2

Engineering Notes

A large rectangular area filled with a fine grid of light gray lines, resembling graph paper, intended for engineering notes.

Introduction

Product Facts

- Used for single and multiple connections
- Receptacles and tabs available for 6.3 mm, 4.8 mm and 2.8 mm size (.250, .187 and .110 Series)
- Receptacles mate with 0.5 and 0.8 mm thick tabs
- IEC 60335-1, Glow Wire 750° NO FLAME Housings available
- RoHS compliant

Materials and Finish

Contacts:

Brass, and phosphor bronze base material. Tin and nickel plated products available.

Housings:

Polyamide UL 94 V-2 and UL 94 V-0 rated.

Performance Data

Current Rating:

20 A max with 2.5 mm² wire size.

Technical Documents

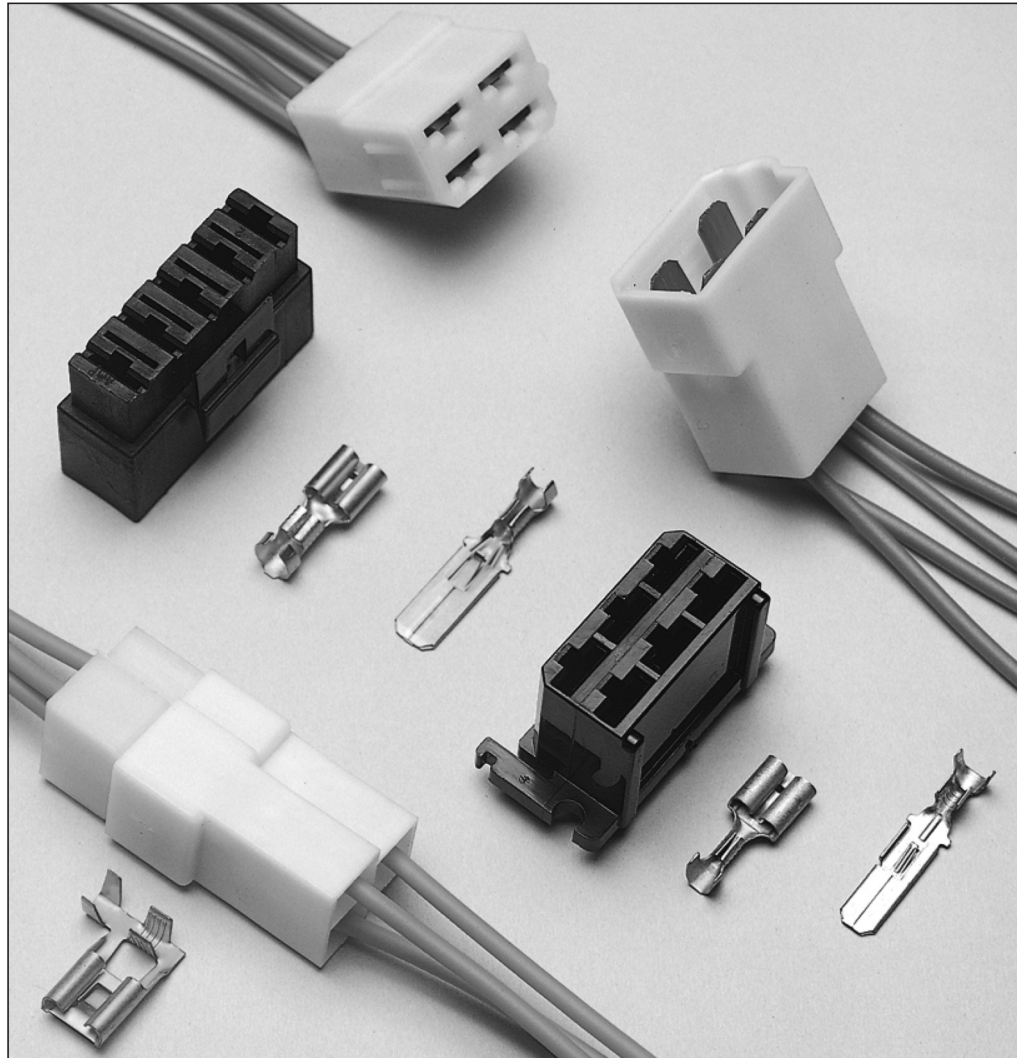
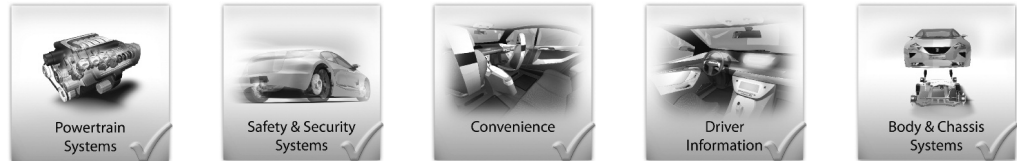
Product Specifications:

108-20020 FASTIN-FASTON Product Line

Application Specifications:

114-20021 FASTIN-FASTON Product Line

114-20011 FASTIN-FASTON Product Line 4.8 mm (.187 Series)



The TE Connectivity FASTIN-FASTON Connection System offer the advantage of the FASTON Receptacles technology in multiple applications.

In wiring harnesses, they are mainly used as multi-position and coupling connectors.

Up to 8 position connectors can be mated in one operation with a maximum of 20 leads terminated.

Locking Contacts

Receptacles and tabs in this version comply fully with the FASTON Receptacles product technology.

The only difference is the addition of a locking lance, which ensures firm retention of contacts when snapped into housings.

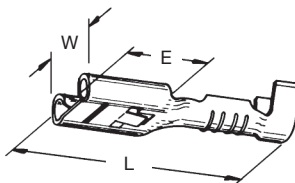
Wiring harnesses prefabricated with male or female connectors can be easily connected to mating counterparts, even if manufacturing occurred at a different site.

Any application of this technology leads to essential time savings in final assembly.

FASTIN-FASTON Connection System

Straight Receptacles with Locking Lance for Single and Multiple Connections

6.3 mm (.250 Series)



A – Without Dimple

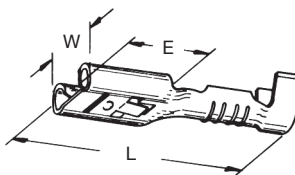
Style	Tab Thickness (mm)	Wire Size Range (mm²)	Insulation Diameter (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.8	0.3–0.8	2.2–3.2	Brass	7.4	19.2	7.8	280095-1
				Brass, tin plated				280095-2
				Brass, tin plated				160928-2
				Phosphor bronze				160928-3
				Phosphor bronze, tin plated				160928-4
				Brass				880675-1
		0.5–1.0	1.4–2.3	Brass, tin plated	7.5	17.1	7.7	880675-2
				Phosphor bronze				880675-3
				Brass				626094-1
		2.28–3.30		Brass, tin plated				626094-2
				Brass				5-160526-6
		0.5–1.5	2.3–3.3	Brass, tin plated	7.4	19.2	7.8	5-160526-7
				Brass, silver plated				6-160526-1
				Phosphor bronze, tin plated				5-160526-9
				Brass				42100-1
		0.8–2.5	3.1–4.1	Brass, tin plated				42100-2
				Brass, tin plated				160927-2
		2.1–3.1		Phosphor bronze				160927-3
				Phosphor bronze, tin plated				160927-4
		1.0–2.5	3.0–4.0	Brass	7.5	17.1	7.7	626095-1
				Brass, tin plated				626095-2
				Phosphor bronze				626095-3
				Phosphor bronze, tin plated				626095-4
		3.4–5.1		Brass	7.4	19.2	7.8	6-160448-0
				Brass, tin plated				6-160448-5
				Brass, silver plated				6-160448-6
				Phosphor bronze				6-160448-1
				Phosphor bronze, tin plated				6-160448-2
				Phosphor bronze, silver plated				6-160448-3
		3.4–5.0		Brass	7.4	19.2	7.7	626328-1
				Brass, tin plated				626328-2
				Phosphor bronze, silver plated				626328-5
				Phosphor bronze				626328-6
		4.0–6.0		Brass	7.4	19.2	7.8	180351-1
				Brass, tin plated				180351-2
				Brass, silver plated				180351-6
				Phosphor bronze				180351-3
				Phosphor bronze, tin plated				180351-5

Related to DIN 46340.

FASTIN-FASTON Connection System

**Straight Receptacles with
Locking Lance for Single and
Multiple Connections**

6.3 mm (.250 Series)



B – With Dimple

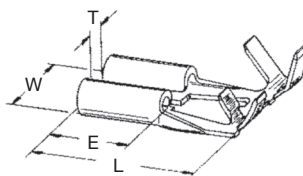
Style	Tab Thickness (mm)	Wire Size Range (mm²)	Insulation Diameter (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
B	0.8	0.5–1.0	1.4–2.3	Brass, tin plated	7.4	19.2	7.8	160860-2
				Phosphor bronze				160860-3
				Phosphor bronze, tin plated				160860-4
			2.0–3.3	Brass				160870-1
				Phosphor bronze				160870-3
				Brass				5-160558-1
		2.3–3.3		Brass, tin plated				5-160558-2
				Phosphor bronze, tin plated				5-160558-9
				Phosphor bronze, silver plated				6-160558-0
				Brass				42281-1
		0.8–2.5	3.1–4.1	Brass, tin plated				42281-2
				Brass	7.6	17.1	7.7	626025-1
		1.0–2.5	3.1–4.1	Brass, tin plated				5-160446-5
				Brass, silver plated				5-160446-6
				Phosphor bronze				5-160446-1
				Phosphor bronze, tin plated				5-160446-2
				Phosphor bronze, silver plated				5-160446-8
				Brass, tin plated	7.4	19.2	7.8	160917-2
		2.1–3.1		Phosphor bronze				160917-3
				Phosphor bronze, tin plated				160917-4
	2.5–4.0	3.3–4.5		Phosphor bronze				160913-3
				Phosphor bronze, tin plated				160913-4
		4.0–6.0	4.0–5.2	Brass, tin plated				160914-2
				Phosphor bronze				160914-3
				Phosphor bronze, tin plated				160914-4

Related to DIN 46340.

Type B suggested for connections with less than 4 contacts.

FASTIN-FASTON Connection System

Flag Receptacles
 with Locking Lance
 for Multiple Connections
 6.3 mm (.250 Series)



C

Style	Tab Thickness (mm)	Wire Size Range (mm ²)	Insulation Diameter (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
C	0.8	0.5–1.0	1.4–2.3	Brass, tin plated	7.6	15.5	7.6	160861-6
				Phosphor bronze				160861-7
				Phosphor bronze, tin plated				160861-8
		0.5–1.5	2.0–3.3	Brass, tin plated				160871-6
			2.3–3.3	Brass, tin plated				280428-4
		1.5–2.5	2.5–3.8	Brass				180398-1*
				Brass, tin plated				180398-2*

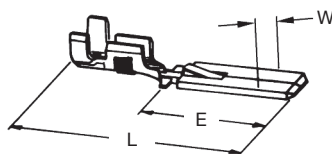
All parts with dimple, unless differently specified.

*) Without dimple

FASTIN-FASTON Connection System

**Tabs with Locking Lance
for Single and Multiple
Connections**

6.3 mm (.250 Series)



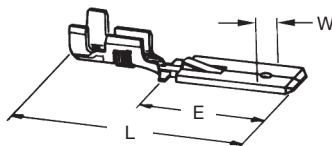
A – Without Hole

Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.3–0.8	1.2–1.8	0.8	Brass	6.3	28.0	15.8	1-282186-3
				Brass, tin plated				1-282186-1
	0.3–1.0	2.3 max	0.8	Brass	6.3	27.0	15.8	1-293041-1
				Brass, tin plated				1-293041-2
	0.8–2.5	3.0–4.0	0.8	Brass	6.3	28.0	15.8	42098-1
				Brass, tin plated				42098-2
				Phosphor bronze				160450-1
				Phosphor bronze, tin plated				160450-2
				Phosphor bronze, silver plated				160450-3
				Brass				444152-1
	1.0–2.5	2.1–2.9	0.8	Brass, tin plated	6.3	28.0	15.7	444152-2
				Phosphor bronze				444152-3
				Phosphor bronze, tin plated				444152-4
				Brass				880654-1
	4.0–6.0	3.4–5.1	0.8	Brass	6.3	28.0	15.8	880654-2
				Phosphor bronze, tin plated				444153-4
				Brass				180352-1
				Brass, tin plated				180352-2
				Brass, silver plated				180352-6
				Phosphor bronze				180352-3
				Phosphor bronze, tin plated				180352-5

Related to DIN 46340.

**Tabs with Locking Lance
for Magnet Wire
6.3 mm (.250 Series)**

**with AMPLIVAR Terminals
Serrations**



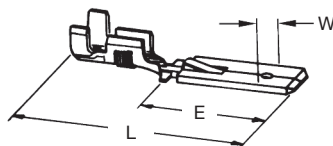
B – With Hole

Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
B	0.1–0.6	1.4–2.1	0.8	Brass, tin plated	6.3	28.8	15.8	141051-2
	0.7–2.0	2.2–3.3	0.8	Brass	6.3	28.8	15.8	1814988-1

FASTIN-FASTON Connection System

Tabs with Locking Lance for Single and Multiple Connections

6.3 mm (.250 Series)



B – With Hole

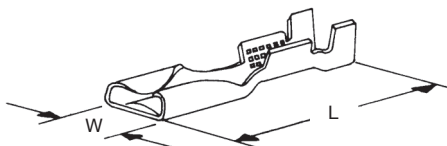
Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
B	0.2–0.5	1.0–1.6	0.8	Brass	6.3	30.0	15.8	962825-1
				Brass, tin plated				962825-2
				Phosphor bronze				962825-3
				Phosphor bronze, tin plated				962825-4
				Phosphor bronze, silver plated				962825-5
				Phosphor bronze				962825-6
	0.3–0.8	2.2–3.2	0.8	Phosphor bronze, tin plated	6.3	28.0	15.8	160691-4
				Brass, silver plated				160691-5
	0.3–1.0	2.3 max	0.8	Brass	6.3	27.0	15.8	293041-1
				Brass, tin plated				293041-2
				Phosphor bronze				160859-6
	0.5–1.0	1.4–2.3	0.8	Phosphor bronze, tin plated	6.3	28.0	15.8	160859-4
				Phosphor bronze, silver plated				160859-5
				Brass				880688-1
	0.5–1.0	2.0–3.3	0.8	Brass, tin plated	6.3	28.0	15.7	880688-2
				Phosphor bronze				880688-3
				Brass				1-280081-1
	0.8–2.5	4.0 max	0.8	Brass, tin plated	6.3	28.0	15.8	1-280081-2
				Brass, silver plated				1-280081-0
				Phosphor bronze				280081-3
				Phosphor bronze, tin plated				280081-7
				Brass				928962-1
	>1.0–2.5	2.1–3.1	0.8	Brass, tin plated	6.3	28.0	15.8	928962-2
				Phosphor bronze				928962-3
				Phosphor bronze, tin plated				928962-4
				Phosphor bronze				928962-5
				Brass, pre-tin plated				928962-7
				Phosphor bronze				928962-3
	1.0–2.5	2.2–3.0	0.8	Phosphor bronze, tin plated	6.3	28.0	15.8	928962-4
				Brass				928947-1
	>1.0–2.5	2.4–3.7	0.8	Brass, tin plated	6.3	28.0	15.8	928947-2
				Phosphor bronze				928947-3
				Brass, tin plated (4–10 µm)				928947-8
				Brass				880636-1
	1.0–2.5	2.7–3.7	0.8	Brass, tin plated	6.3	28.0	15.7	880636-2
				Phosphor bronze				880636-3
				Brass				928949-1
	>2.5–4.0	3.3–4.5	0.8	Brass, tin plated	6.3	28.0	15.8	928949-2
				Phosphor bronze				928949-3
				Phosphor bronze, tin plated				928949-4
				Brass, pre-tin plated				928949-7
				Brass				280080-1
	4.0–6.0	3.4–5.1	0.8	Brass, tin plated	6.3	28.0	15.8	280080-2
				Brass, silver plated				280080-5
				Phosphor bronze				280080-6
				Phosphor bronze, tin plated				280080-4
				Brass				928951-1
	>4.0–6.0	4.0–5.2	0.8	Brass, tin plated	6.3	28.0	15.8	928951-2
				Phosphor bronze				928951-3

Related to DIN 46340.

FASTIN-FASTON Connection System

**Straight Receptacles
with Locking Lance
for Multiple Connections**

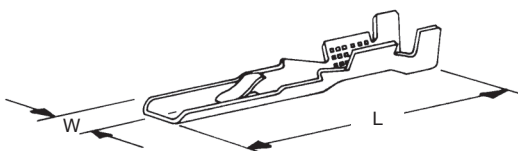
4.8 mm (.187 Series)



Style	Wire Size Range (mm ²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
–	0.5–1.5	2.3–3.3	0.4	Brass, tin plated	5.6	19.1	–	60435-1
	0.8–2.0	2.8–4.0	0.5	Brass, tin plated	5.6	15.0	–	1217150-1

**Tabs with Locking Lance
for Multiple Connections**

4.8 mm (.187 Series)

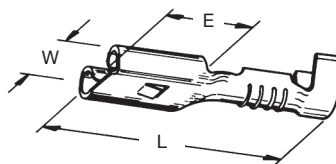


Style	Wire Size Range (mm ²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
–	0.5–1.5	2.3–3.3	0.4	Brass, tin plated	3.7	24.3	–	60434-1

FASTIN-FASTON Connection System

Straight Receptacles with
Locking Lance for Single and
Multiple Connections

2.8 mm (.110 Series)



A

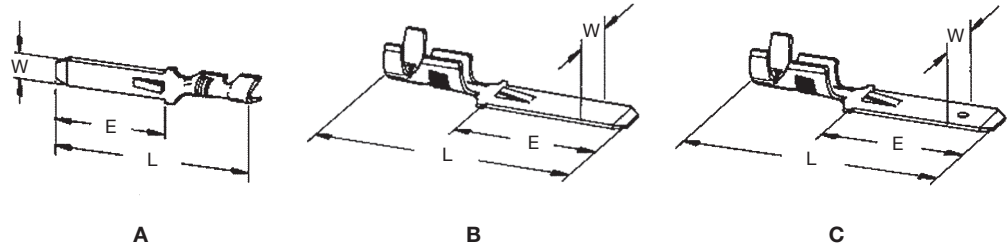
Style	Wire Size Range (mm²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.05–0.14	0.8–1.3	0.8	Brass, tin plated	3.7	14.0	6.3	160409-2
	0.2–0.5	1.5–2.0	0.8	Brass, tin plated	3.7	15.4	6.3	150571-2
	0.2–2.5	1.0–1.6	0.8	Brass, tin plated	3.7	14.0	6.3	160922-2
				Phosphor bronze				160922-3
	0.30–0.56	1.27–2.03	0.5	Brass, pre-tin plated	3.7	14.0	6.3	881504-5
				Brass				881505-1
				Phosphor bronze				881505-3
	0.3–0.6	1.3–2.0	0.5	Brass	3.7	14.0	6.3	160366-1
				Brass, tin plated				160366-2
			0.8	Brass	3.7	14.0	6.3	160173-1
				Brass, tin plated				160173-2
				Phosphor bronze, tin plated				160173-7
	0.5–1.0	1.4–2.3	0.8	Brass, pre-tin plated	3.7	14.0	6.3	881799-2
				Phosphor bronze				881799-3
				Brass, tin plated				160864-2
		2.0–3.1	0.5	Brass, tin plated	3.7	14.0	6.3	160684-4
				Phosphor bronze				160684-1
				Phosphor bronze, tin plated				160684-2
		2.0–3.3	0.8	Brass	3.7	14.6	6.3	880634-1
				Phosphor bronze				880634-3
				Brass, pre-tin plated				880634-5
		3.3 max	0.8	Brass, tin plated	3.7	14.0	6.3	737255-5
	0.5–1.5	2.0–3.1	0.8	Brass, tin plated	3.7	14.0	6.3	160655-2
				Phosphor bronze				160655-3
				Phosphor bronze, tin plated				160655-4
		2.03–3.05	0.5	Brass	3.7	14.0	6.3	881506-1
				Brass				881507-1
				Brass, pre-tin plated				881507-5
				Brass				881507-7
				Brass, pre-tin plated				881507-8
	1.0–1.5	2.2–2.7	0.8	Phosphor bronze	3.7	15.0	6.3	880635-3
				Brass, pre-tin plated				880635-5

Related to DIN 46340.

FASTIN-FASTON Connection System

**Tabs with Locking Lance
for Single and Multiple
Connections**

2.8 mm (.110 Series)



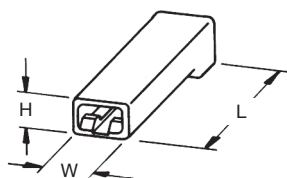
Style	Wire Size Range (mm ²)	Insulation Diameter (mm)	Tab Thickness (mm)	Material and Finish	Dimensions (mm)			Part Number
					W	L	E	
A	0.3–0.6	1.4–2.2	0.8	Brass, tin plated	2.8	22.0	12.5	160174-2
				Phosphor bronze				160174-5
B	0.2–0.5	1.0–1.6	0.8	Brass	2.8	22.0	12.7	160923-1
				Brass, tin plated				160923-2
				Phosphor bronze				160923-3
				Phosphor bronze, tin plated				160923-4
	0.5–1.0	1.4–2.3	0.8	Brass	2.8	22.0	12.7	160887-1
				Brass, tin plated				160887-2
				Phosphor bronze				160887-3
		1.4–2.7	0.8	Brass	2.8	22.0	12.4	881719-1
				Brass, tin plated				881719-2
				Phosphor bronze				881719-3
	0.5–1.5	2.3–3.1	0.8	Brass	2.8	22.0	12.7	160743-3
				Brass, tin plated				160743-4
				Phosphor bronze				160743-1
				Phosphor bronze, tin plated				150743-2
	1.0–2.5	2.7–4.0	0.8	Brass	2.8	22.0	12.4	880638-1
				Brass, tin plated				880638-2
C	0.5–1.5	2.3–3.1	0.8	Phosphor bronze	2.8	22.0	12.7	160762-1
				Phosphor bronze, tin plated				160762-2

Related to DIN 46340.

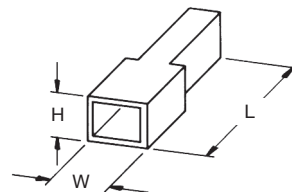
FASTIN-FASTON Connection System

**Receptacle and Tab Housings,
Single Connection**

6.3 mm (.250 Series)



A – Receptacle Housing

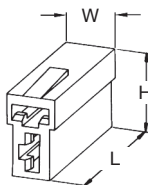


B – Tab Housing

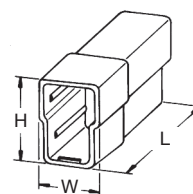
Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
A	Polyamide	Natural	V-2	–	9.9	22.9	6.5	180905-0
		Black	V-2	–				180905-5
		Natural	V-2	GWT 750° No Flame				1-180905-0
		Natural	V-2	–	9.9	24.1	6.5	925324-2
		Black	V-2	–				925324-1
B	Polyamide	Natural	V-2	–	12.5	31.0	9.4	180916-0
		Black	V-2	–				180916-5
		Natural	V-2	GWT 750° No Flame				3-180916-0

**Receptacle and Tab Housings,
2 Positions**

6.3 mm (.250 Series)



C – Receptacle Housing



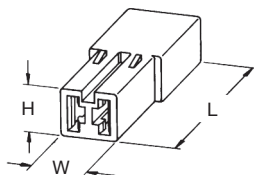
D – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
C	Polyamide	Natural	V-2	–	10.2	22.9	16.6	180907-0
		Black	V-2	–				180907-5
		Natural	V-0	GWT 750° No Flame				1-180907-0
D	Polyamide	Natural	V-2	–	12.7	31.1	20.1	180908-0
		Black	V-2	–				180908-5
		Natural	V-0	GWT 750° No Flame				880310-8

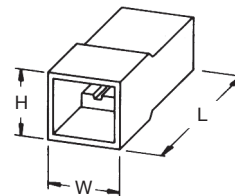
FASTIN-FASTON Connection System

**Receptacle and Tab Housings,
2 Positions**

6.3 mm (.250 Series)



E – Receptacle Housing

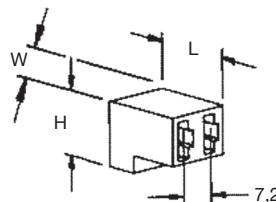


F – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
E	Polyamide	Natural	V-2	–	12.5	22.9	10.0	180923-0
		Black	V-2	–				180923-5
		Natural	V-0	–				4-180923-0
F	Polyamide	Natural	V-2	–	15.2	31.5	13.2	180924-0
		Black	V-2	–				180924-5
		Natural	V-0	–				4-180924-0

**Receptacle Housing,
2 Positions**

6.3 mm (.250 Series)

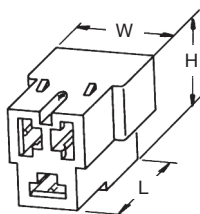


I – Receptacle Housing

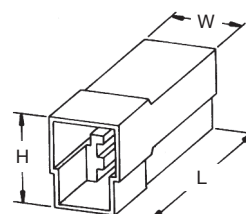
Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
I	Polyamide	Natural	V-2	–	14.1	18.5	14.0	180918-0

**Receptacle and Tab Housings,
3 Positions**

6.3 mm (.250 Series)



G – Receptacle Housing



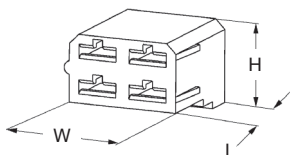
H – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
G	Polyamide	Natural	V-2	–	15.2	22.9	17.9	180941-0
		Black	V-2	–				180941-5
		Natural	V-2	GWT 750° No Flame				2-180941-0
H	Polyamide	Natural	V-2	–	15.2	31.8	19.9	180940-0
		Black	V-2	–				180940-5
		Natural	V-2	GWT 750° No Flame				2-180940-0

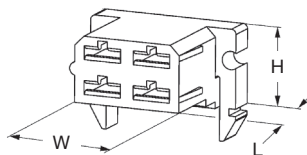
FASTIN-FASTON Connection System

**Receptacle and Tab Housings,
4 Positions**

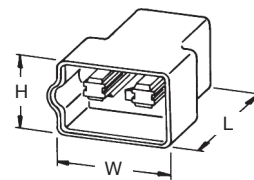
6.3 mm (.250 Series)



L – Receptacle Housing



LA – Receptacle Housing

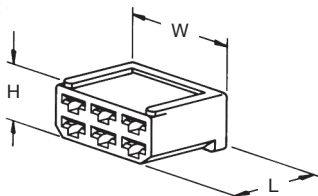


M – Tab Housing

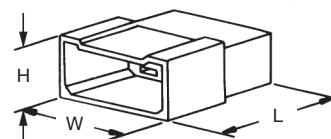
Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
L	Polyamide	Natural	V-2	–	23.1	24.1	15.4	180900-0
		Black	V-2	–				180900-5
		Natural	V-0	GWT 750° No Flame				2-880110-0
LA	Polyamide	Natural	V-2	–	23.1	24.1	16.8	163120-0
M	Polyamide	Natural	V-2	–	26.2	31.5	16.5	180901-0
		Black	V-2	–				180901-5
		Natural	V-0	GWT 750° No Flame				2-626541-0

**Receptacle and Tab Housings,
6 Positions**

6.3 mm (.250 Series)



M – Receptacle Housing

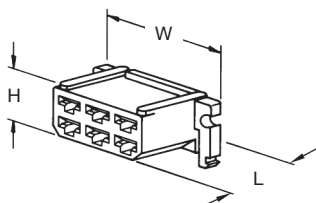


N – Tab Housing

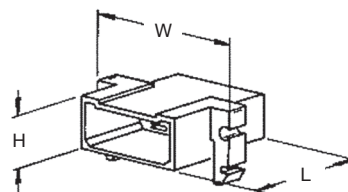
Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
M	Polyamide	Natural	V-2	–	28.5	24.3	16.8	925276-0
		Black	V-2	–				925276-1
		Natural	V-2	–	28.5	24.3	15.4	280314-0
		Black	V-2	–				280314-5
		Natural	V-0	GWT 750° No Flame				2-880297-0
N	Polyamide	Natural	V-2	–	31.4	32.4	18.0	180906-0
		Black	V-2	–				180906-5
		Natural	V-0	GWT 750° No Flame				2-180906-0

FASTIN-FASTON Connection System

**Receptacle and Tab Housings,
6 Positions, Panel Mount
6.3 mm (.250 Series)**



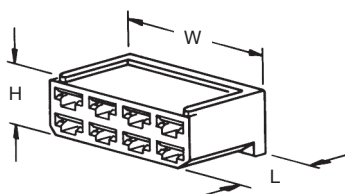
O – Receptacle Housing



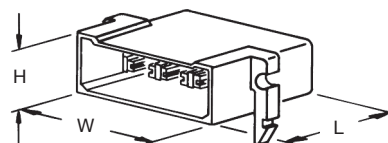
P – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
O	Polyamide	Natural	V-2	–	37.2	24.3	16.8	180904-0
		Natural	V-2	–				163006-0
		Natural	V-2	GWT 750° No Flame				1-163006-0
P	Polyamide	Natural	V-2	–	40.5	32.4	18.0	180948-0
		Natural	V-2	GWT 750° No Flame				180948-8
		Black	V-2	GWT 750° No Flame				180948-9

**Receptacle and Tab Housings,
8 Positions
6.3 mm (.250 Series)**



Q – Receptacle Housing



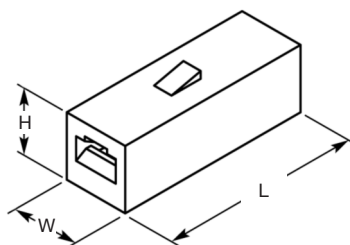
R – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
Q	Polyamide	Natural	V-2	–	37.7	24.1	16.6	163007-0
R	Polyamide	Natural	V-2	–	40.1	32.6	18.3	163008-0

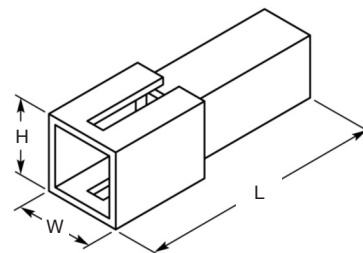
FASTIN-FASTON Connection System

**Receptacle and Tab Housings,
Single Connection**

2.8 mm (.110 Series)



A – Receptacle Housing

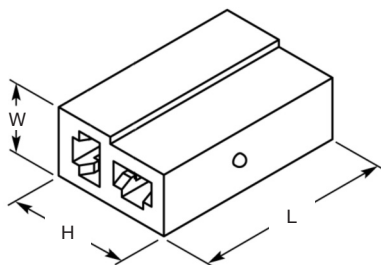


B – Tab Housing

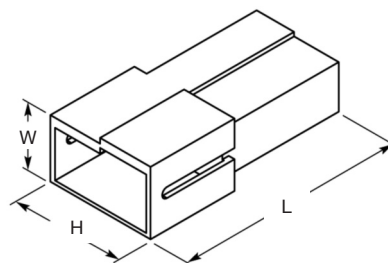
Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
A	Polyamide	Natural	–	–	6.0	18.0	6.0	626062-0
B	Polyamide	Natural	–	–	8.3	25.4	8.3	626063-0

**Receptacle and Tab Housings,
2 Positions**

2.8 mm (.110 Series)



C – Receptacle Housing



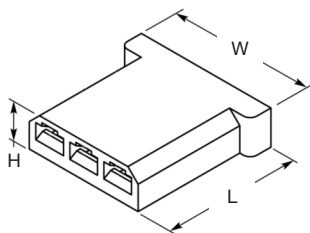
D – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
C	Polyamide	Natural	–	–	6.3	18.0	11.2	626064-0
		Natural	V-0	GWT 750° No Flame				1-626064-2
D	Polyamide	Natural	–	–	8.1	25.4	12.9	626065-0
		Natural	V-0	GWT 750° No Flame				1-626065-2

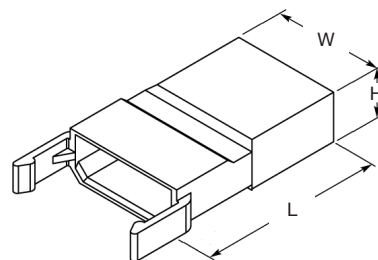
FASTIN-FASTON Connection System

**Receptacle and Tab Housings,
3 Positions**

2.8 mm (.110 Series)



E – Receptacle Housing

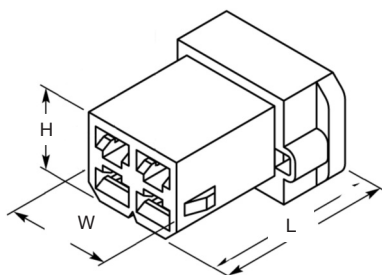


F – Tab Housing

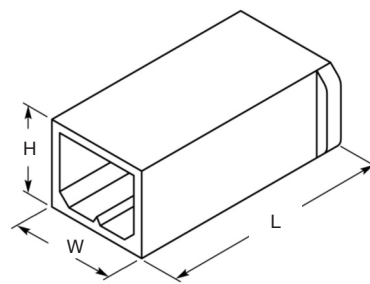
Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
E	Polyamide	Natural	–	–	19.0	18.0	5.0	925015-0
F	Polyamide	Natural	–	–	18.8	27.5	7.2	925475-1

**Receptacle and Tab Housings,
4 Positions**

2.8 mm (.110 Series)



G – Receptacle Housing



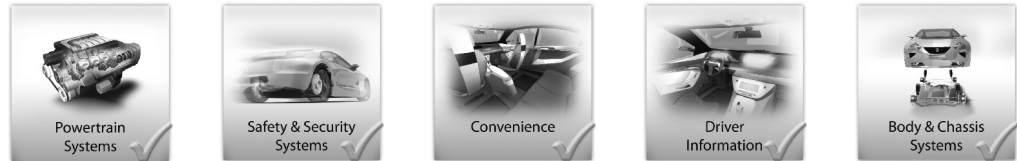
H – Tab Housing

Style	Material	Color	Flammability Rating UL 94	Note	Dimensions (mm)			Part Number
					W	L	H	
G	Polyamide	Natural	–	–	10.7	18.0	8.7	626056-0
H	Polyamide	Natural	–	–	13.0	27.3	11.0	626057-0

Engineering Notes

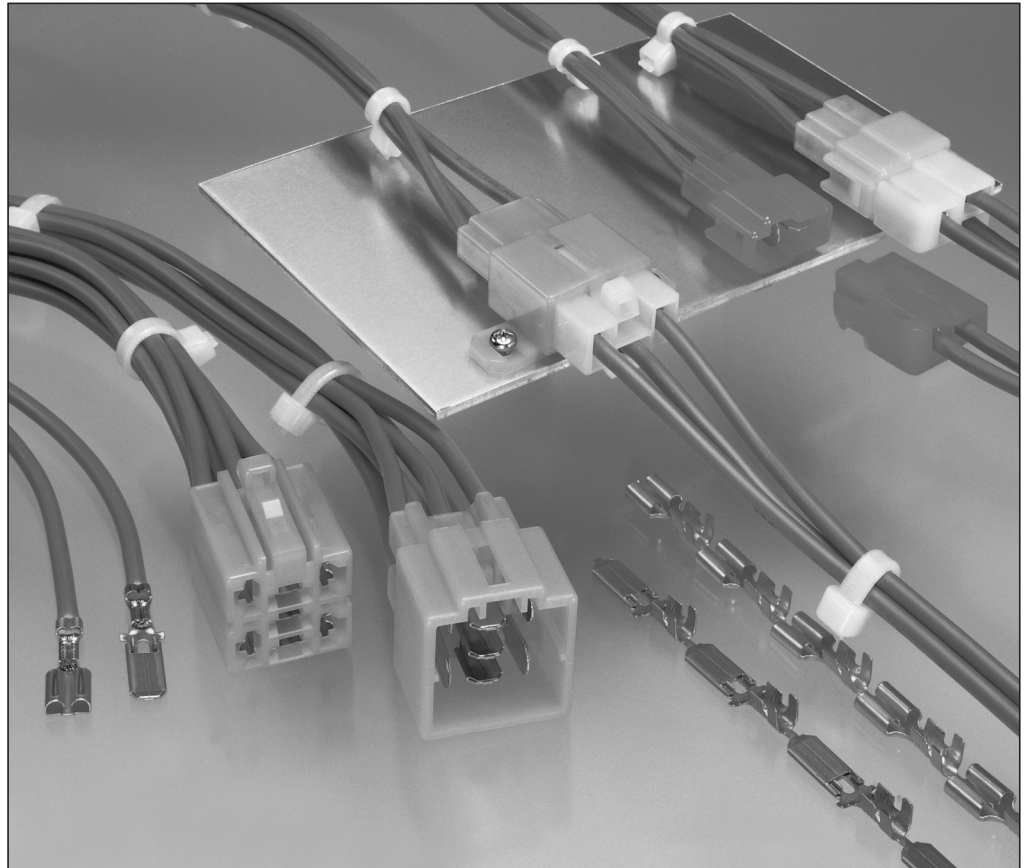
A large rectangular area filled with a fine grid of light gray lines, intended for drawing or writing engineering notes. The grid covers most of the page area below the header and above the footer.

Introduction



Product Facts

- **Tabs and receptacles make highly reliable electrical contacts.**
- **The housing lance design needs no lance on a contact. No tangling of contacts makes connector assemblies easier.**
- **The standard type and the interlock type are available. Caps for panel mounting style and freehanging style are available as per mentioned below.**



Technical Documents

Product Specifications:
 108-5153 (Standard Type)
 108-5169 (Interlock Type)

Application Specification:
 114-5052

Instruction Sheet:
 412-5111

Available Positions

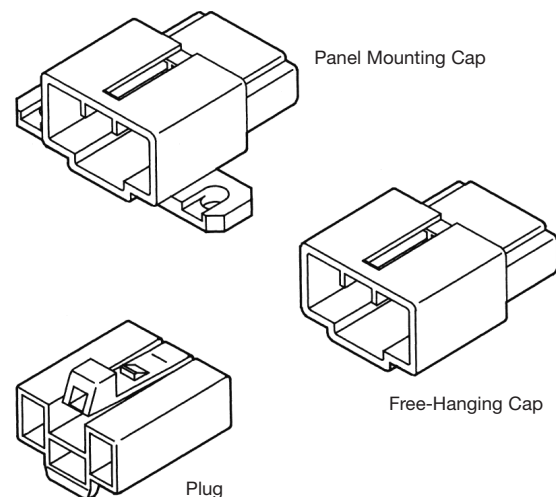
Standard Type
 1, 2, 3, 4, 6, 8, 10 Positions
 (The panel mounting style caps are available for 2 and 3 Positions)

Interlock Type

1, 2, 3, 4, 5, 7, 9 Positions
 (The panel mounting style caps are available for 3 Positions)

.250 Housing Lance Connectors are tab and receptacle connectors improved for easier handling with the basis of excellent features of FASTON series which have a long history as proven connectors in the automotive industry.

Connector Configurations



Receptacle Contacts

Technical Features

Wire Size Range:

0.5–3.37 mm² (AWG 20–12)

Insertion Force:

-1 (Brass): 5.9–39 N

-2 (Brass/Post Tin) 4.9–44 N

Extraction Force:

-1 (Brass): 5.9–39 N

-2 (Brass/Post Tin) 4.9–44 N

Material Thickness:

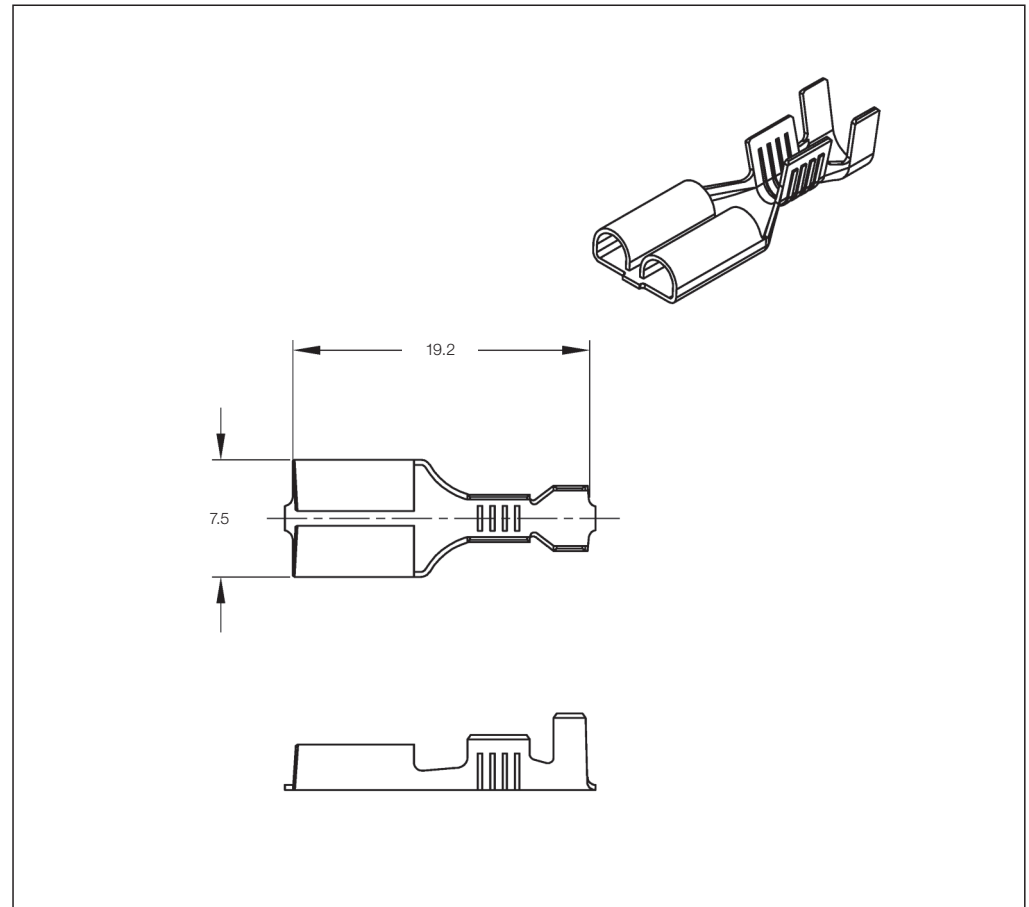
0.32 mm

Contact Material:

Brass

Contact Finish:

Tin Plating



Receptacle Contacts (for Plug)

Wire Size Range		Wire Insulation Diameter (mm)	Material and Finish	Part Numbers			
(mm ²)	(AWG)			Strip Form	Package Quantity	Applicator	Hand Tool
0.3–0.5	22–20	1.5–2.2	Brass	170384-1	21,000	722788-2	934678-1
			Brass, tin plated	170384-2	21,000		
0.50–2.27	20–14	2.16–3.43	Brass	170032-2	18,000	1385103-2	
			Brass, tin plated	170032-5	18,000		
2.00–3.37	14–12	2.9–3.8	Brass	170258-1	15,000	721306-2	–
			Brass, tin plated	170258-2	15,000		

Tab Contacts

Technical Features

Wire Size Range:

0.5–3.37 mm² (AWG 20–12)

Insertion Force:

-1 (Brass): 5.9–39 N

-2 (Brass/Post Tin) 4.9–44 N

Extraction Force:

-1 (Brass): 5.9–39 N

-2 (Brass/Post Tin) 4.9–44 N

Material Thickness:

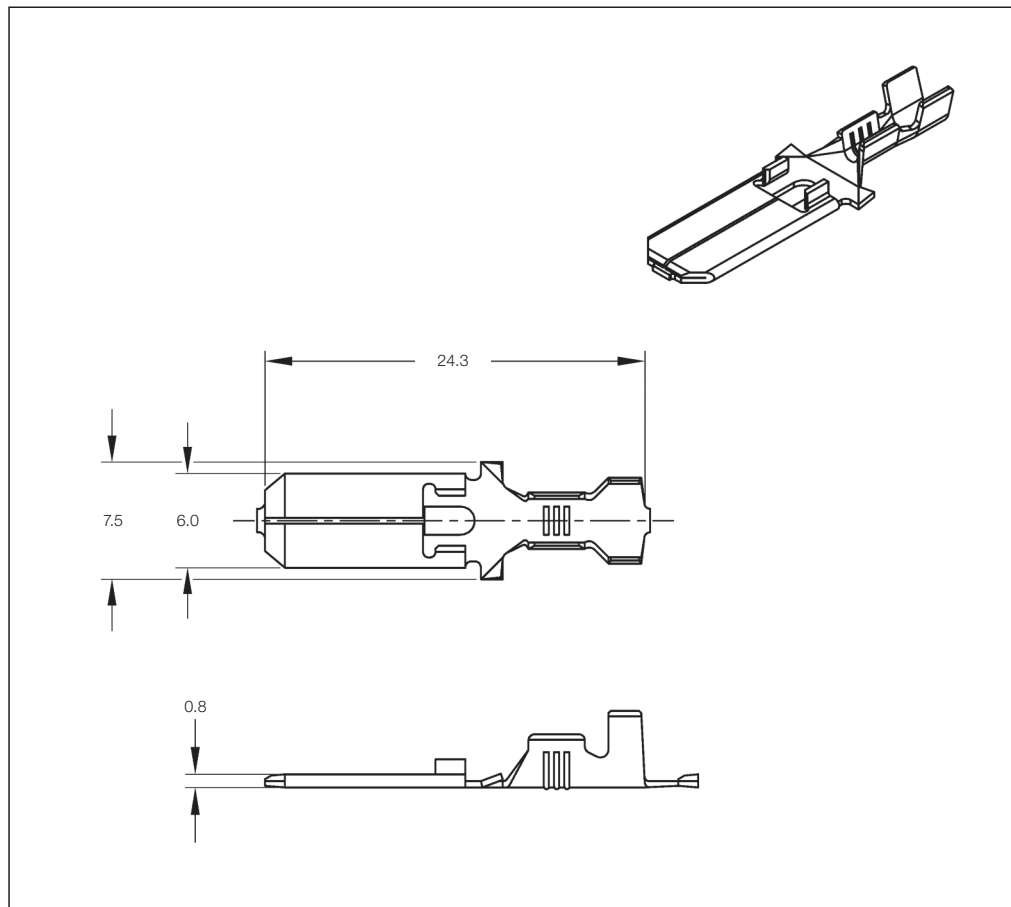
0.406 mm

Contact Material:

Brass

Contact Finish:

Tin Plating



Tab Contacts (for Cap)

Wire Size Range		Wire Insulation Diameter (mm)	Material and Finish	Part Numbers			
(mm ²)	(AWG)			Strip Form	Package Quantity	Applicator	Hand Tool
0.3–0.5	22–20	1.5–2.2	Brass	170349-1	18,000	722787-2	934611-1
			Brass, pre-tin plated	170349-2	18,000		
0.50–2.27	20–14	2.1–3.4	Brass	170340-1	12,000	722798-2	
			Brass, pre-tin plated	170340-3	12,000		
2.00–3.37	14–12	2.9–3.8	Brass	170341-1	12,000	722799-2	–
			Brass, pre-tin plated	170341-3	12,000		

1 Position Receptacle (Plug) Housing – Standard Type

Technical Features

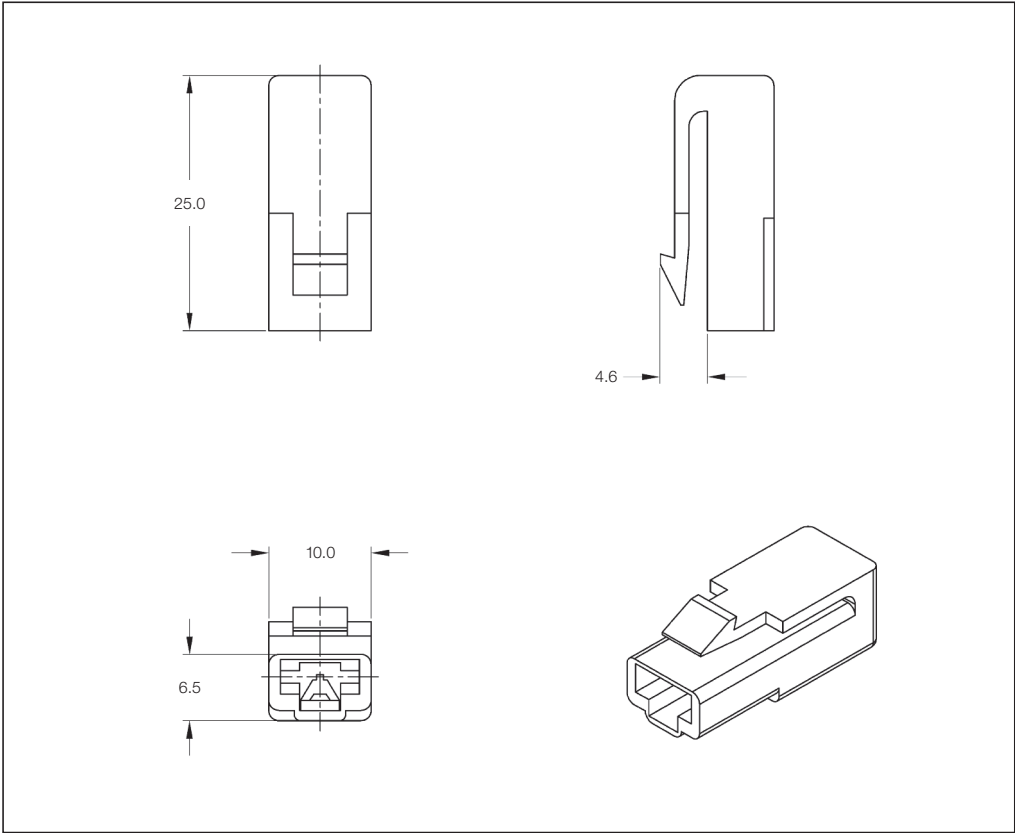
No. of Positions:
1 Position

Housing Material:
6/6 Nylon

Wire Size Range:
0.3–3.37 mm² (AWG 22–12)

Product Specification:
108-5153

Application Specification:
114-5052



1 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
1	Natural	172128-1	8,000	172127-1	170384-1, 170384-2
	Black	172128-2		172127-2	
	Blue	–		172127-5	170032-2, 170032-5
	Yellow	172128-7		–	170258-1, 170258-2
	Natural	1-172128-1*		1-172127-1	

*) UL 94 V-0 rated.

2 Position Receptacle (Plug) Housing – Standard Type

Technical Features

No. of Positions:

2 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

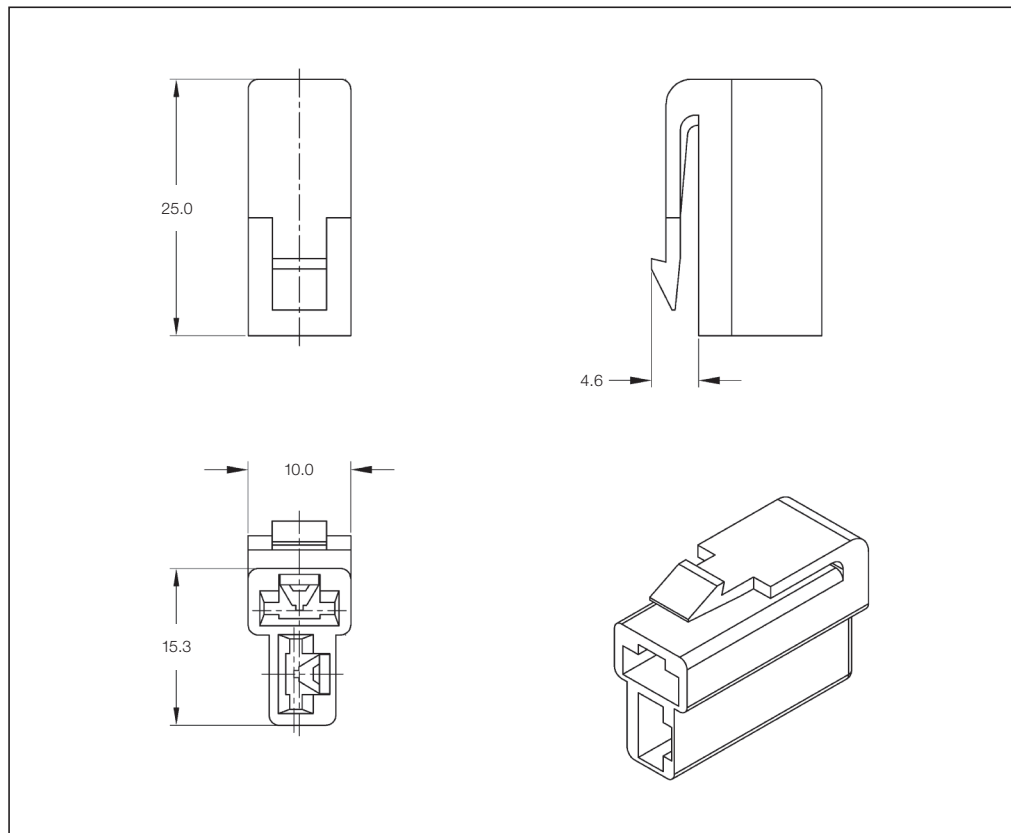
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



2 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
2	Natural	172130-1	5,000	172129-1	170384-1, 170384-2 170032-2, 170032-5 170258-1, 170258-2
	Black	172130-2		172129-2	
	Brown	–		172129-3	
	Green	172130-4		172129-4	
	Blue	172130-5		172129-5	
	Gray	172130-6		–	
	Yellow	172130-7		–	
	Orange	172130-8		172129-8	
	Red	–		172129-9	
	Natural	1-172130-1*		1-172129-1*	
	Light Gray	6-172130-6		6-172129-6	

*) UL 94 V-0 rated.

2 Position Receptacle (Plug) Housing – Panel Mount

Technical Features

No. of Positions:

2 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

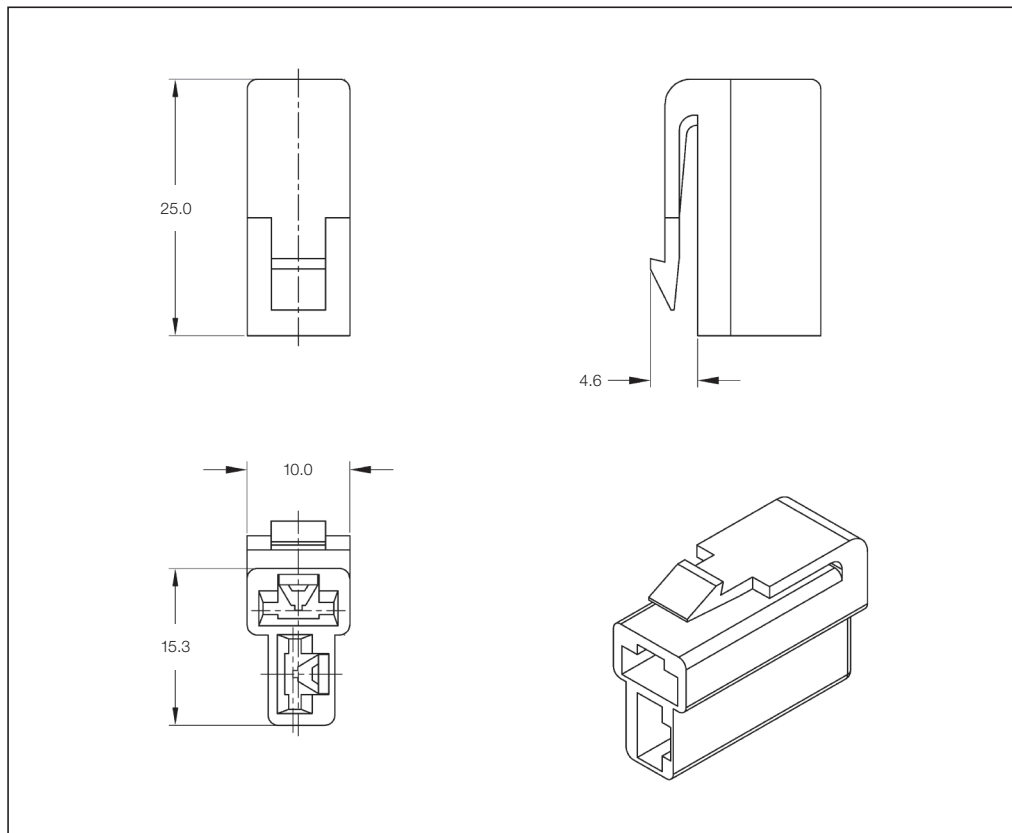
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



2 Position Receptacle (Plug) Housing for Panel Mount

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
2	Natural	172130-1	5,000	172383-1	170384-1, 170384-2 170032-2, 170032-5 170258-1, 170258-2
	Black	172130-2		172383-2	
	Brown	–		172383-3	
	Green	172130-4		–	
	Blue	172130-5		172383-5	
	Gray	172130-6		172383-6	
	Yellow	172130-7		172383-7	
	Orange	172130-8		172383-8	
	Red	–		172383-9	
	Natural	1-172130-1*		–	
	Light Gray	6-172130-6		6-172383-6	

*) UL 94 V-0 rated.

3 Position Receptacle (Plug) Housing – Standard Type

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

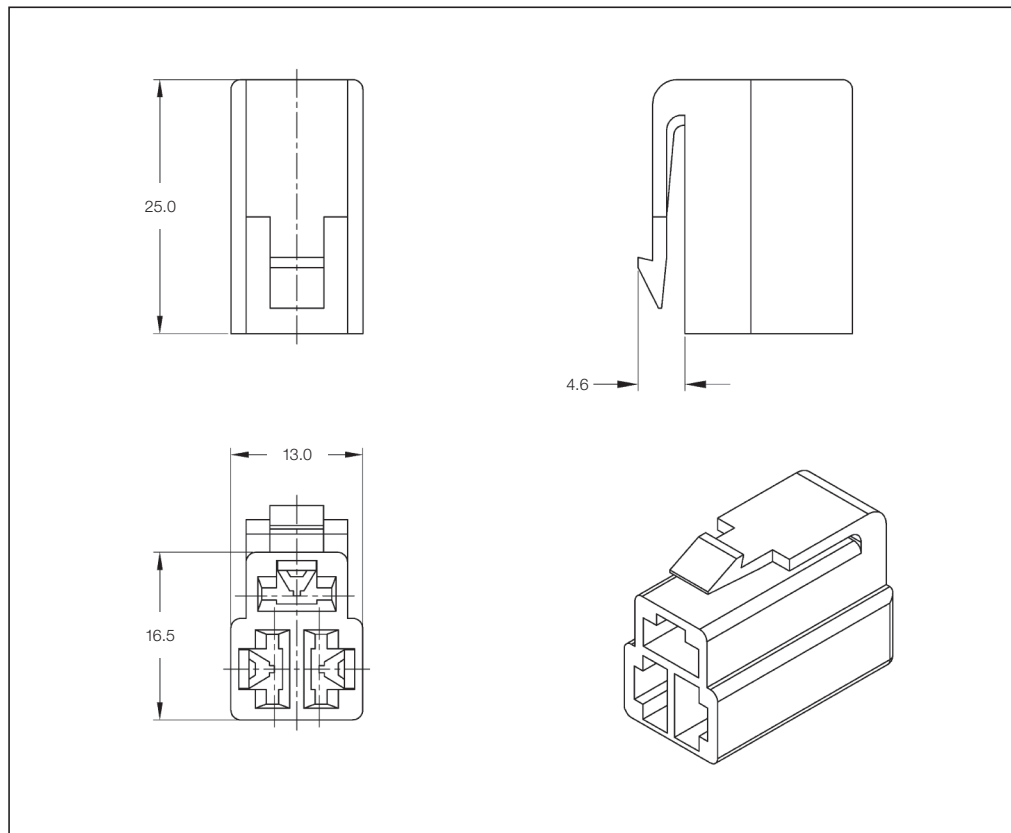
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



3 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
3	Natural	172132-1	3,500	172131-1	170384-1, 170384-2 170032-2, 170032-5 170258-1, 170258-2
	Black	172132-2		172131-2	
	Green	172132-4		–	
	Blue	172132-5		172131-5	
	Gray	–		172131-6	
	Natural	1-172132-1*		1-172131-1*	

*) UL 94 V-0 rated.

3 Position Receptacle (Plug) Housing – Panel Mount

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

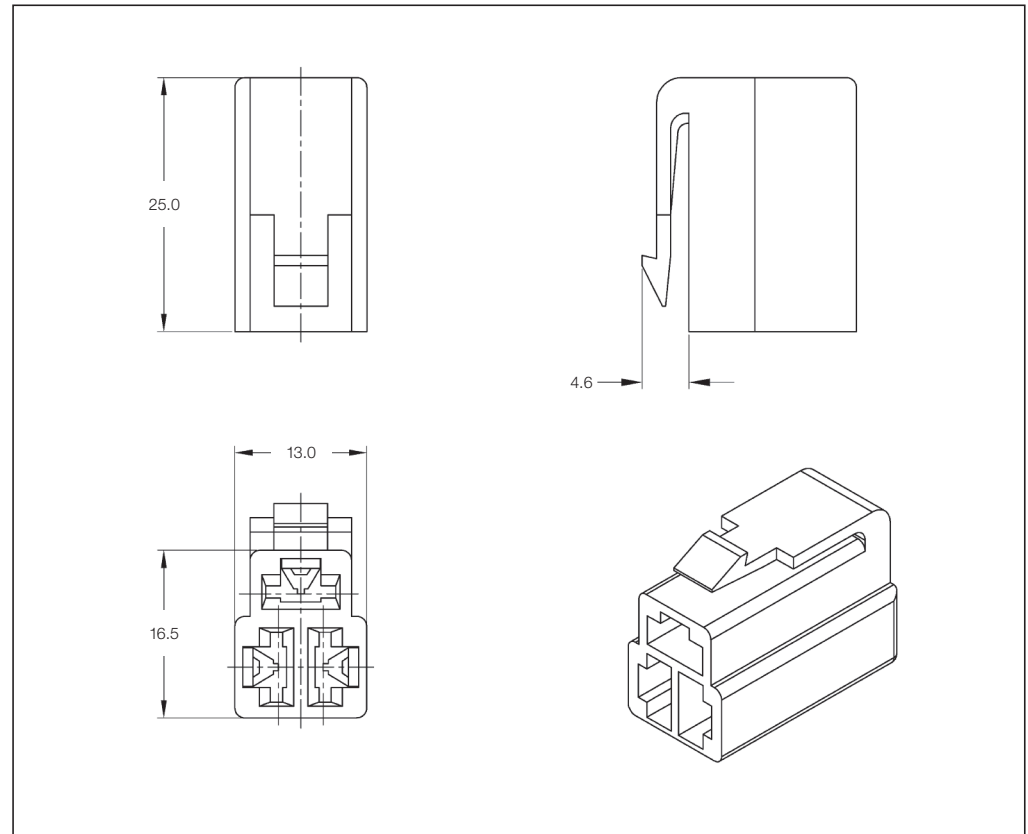
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



3 Position Receptacle (Plug) Housing for Panel Mount

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
3	Natural	172132-1	3,500	172384-1	170384-1, 170384-2
	Black	172132-2		172384-2	
	Brown	–		172384-3	
	Green	172132-4		–	170032-2, 170032-5
	Blue	172132-5		–	170258-1, 170258-2
	Natural	1-172132-1		–	
	Light Gray	–		6-172384-6	

4 Position Receptacle (Plug) Housing – Standard Type

Technical Features

No. of Positions:

4 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

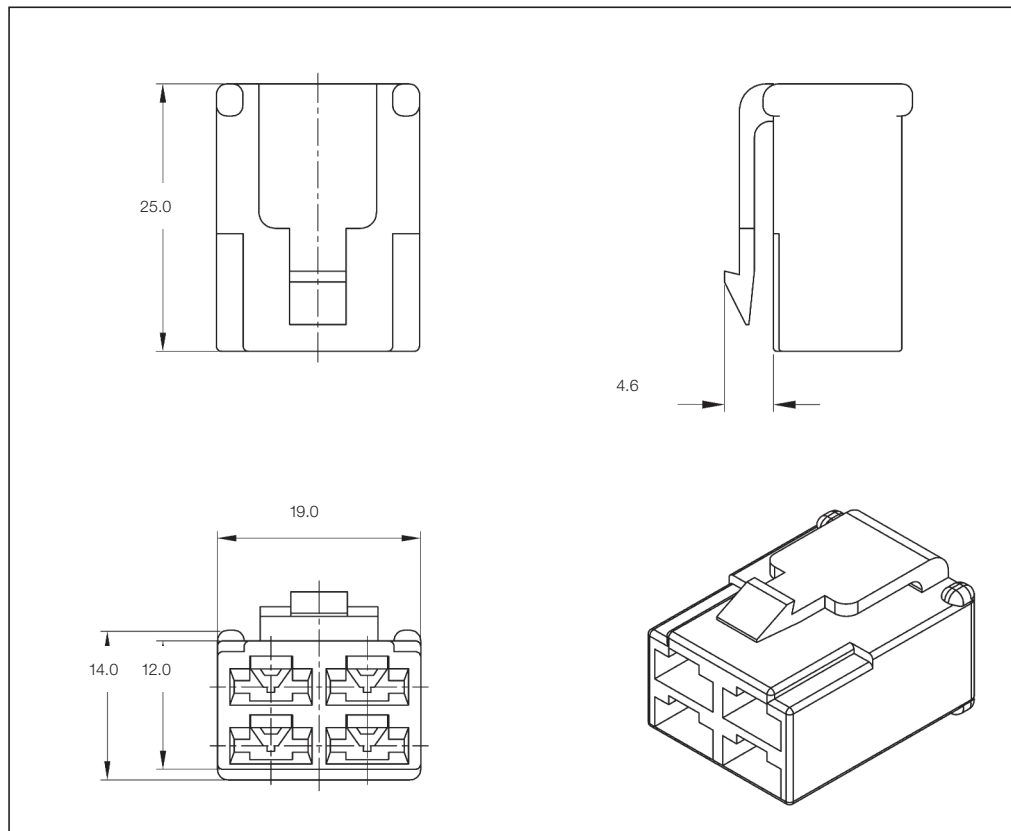
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



4 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
4	Natural	172134-1	3,000	172133-1	170384-1, 170384-2 170032-2, 170032-5 170258-1, 170258-2
	Black	172134-2		172133-2	
	Brown	172134-3		–	
	Green	172134-4		172133-4	
	Blue	172134-5		172133-5	
	Gray	172134-6		–	
	Yellow	172134-7		172133-7	
	Red	172134-9		172133-9	

6 Position Receptacle (Plug) Housing – Standard Type

Technical Features

No. of Positions:

6 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

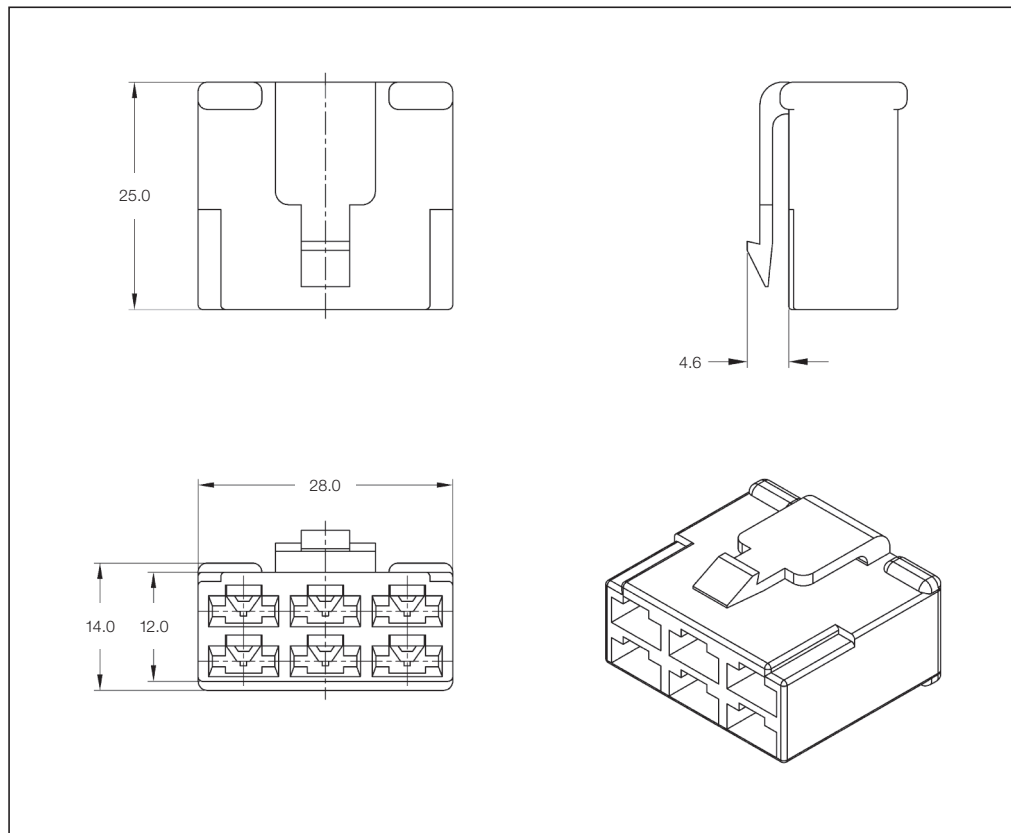
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



6 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
6	Natural	171898-1	2,000	171897-1	170384-1, 170384-2 170032-2, 170032-5 170258-1, 170258-2
	Black	171898-2		171897-2	
	Green	171898-4		171897-4	
	Gray	–		171897-6	
	Yellow	171898-7		171897-7	
	Red	171898-9		171897-9	

8 Position Receptacle (Plug) Housing – Standard Type

Technical Features

No. of Positions:

8 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

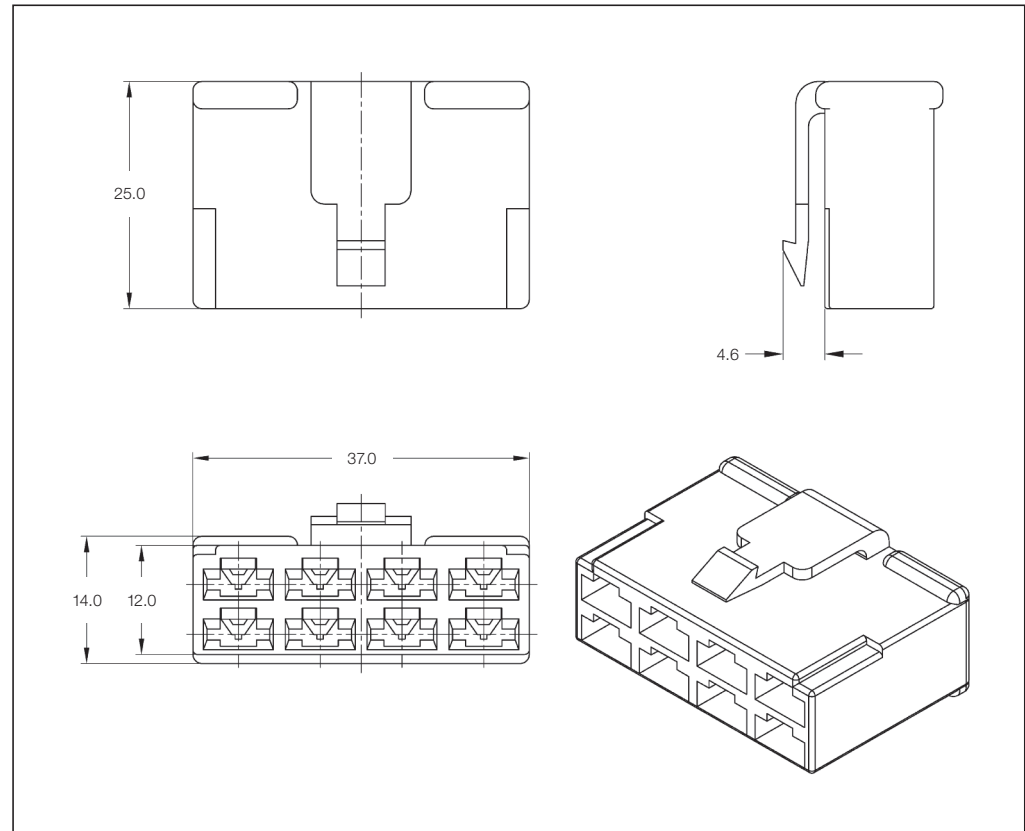
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



8 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
8	Natural	172136-1	1,500	172135-1	170384-1, 170384-2
	Black	172136-2		172135-2	170032-2, 170032-5
	Blue	–		172135-5	170258-1, 170258-2

10 Position Receptacle (Plug) Housing – Standard Type

Technical Features

No. of Positions:

10 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

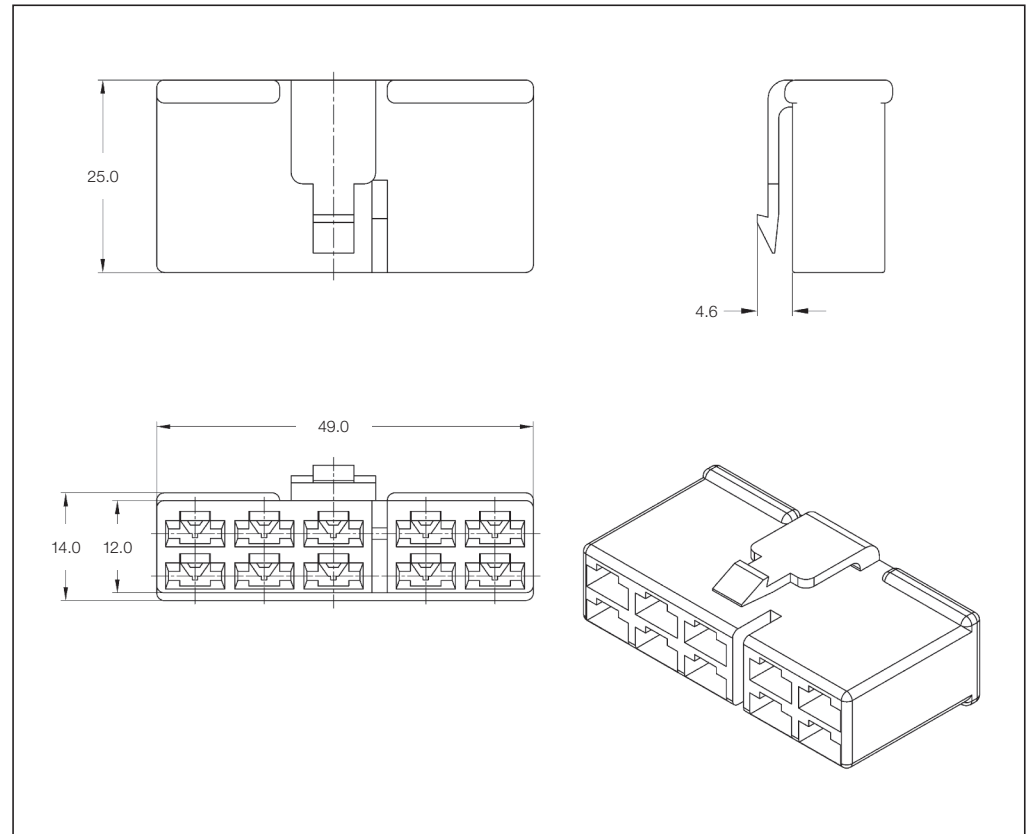
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



10 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
10	Natural	172138-1	1,500	172137-1	170384-1, 170384-2
	Black	172138-2			170032-2, 170032-5 170258-1, 170258-2

1 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

1 Position

Housing Material:

6/6 Nylon

Wire Size Range:

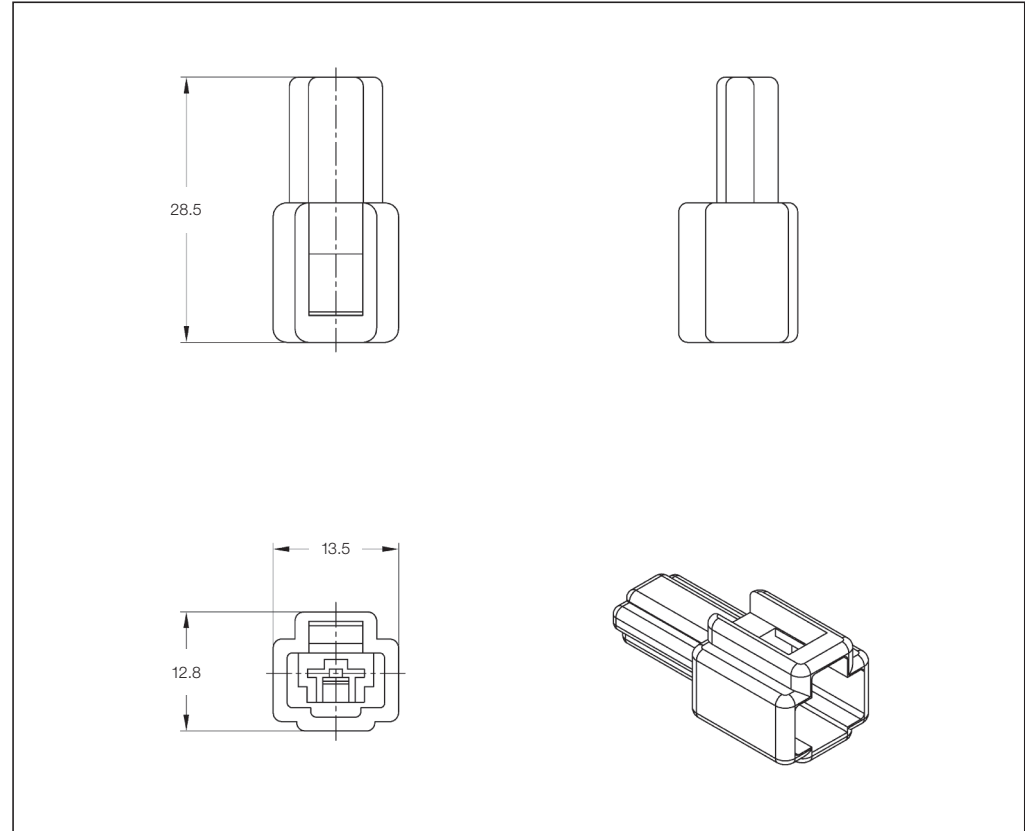
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



1 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
1	Natural	172127-1	6,000	172128-1	170349-1, 170349-2
	Black	172127-2		172128-2	
	Blue	172127-5		–	170340-1, 170340-3
	Yellow	–		172128-7	170341-1, 170341-3
	Natural	1-172127-1*		1-172128-1*	

*) UL 94 V-0 rated.

2 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

2 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

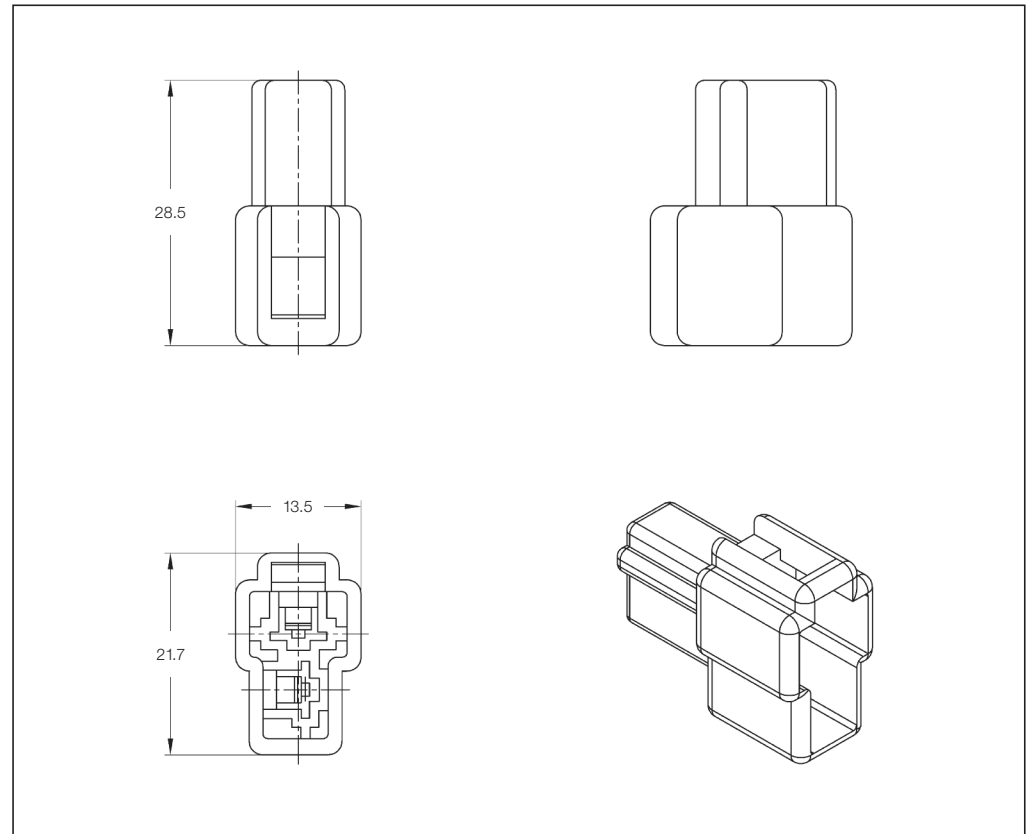
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



2 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
2	Natural	172129-1	5,000	172130-1	170349-1, 170349-2 170340-1, 170340-3 170341-1, 170341-3
	Black	172129-2		172130-2	
	Brown	172129-3		–	
	Green	172129-4		172130-4	
	Blue	172129-5		172130-5	
	Gray	–		172130-6	
	Yellow	–		172130-7	
	Orange	172129-8		172130-8	
	Red	172129-9		–	
	Natural	1-172129-1*		1-172130-1*	
	Light Gray	6-172129-6		6-172130-6	

*) UL 94 V-0 rated.

2 Position Tab (Cap) Housing – Panel Mount

Technical Features

No. of Positions:

2 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

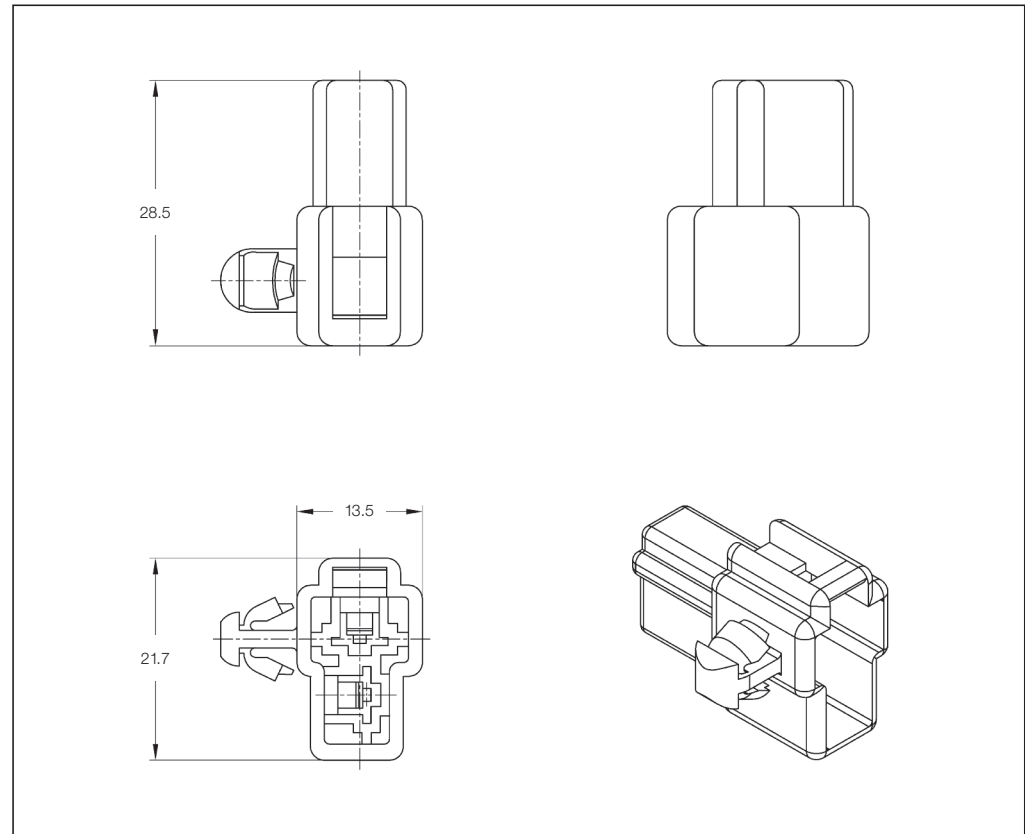
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



2 Position Tab (Cap) Housing for Panel Mount

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
2	Natural	172383-1	3,500	172130-1	170349-1, 170349-2 170340-1, 170340-3 170341-1, 170341-3
	Black	172383-2		172130-2	
	Brown	172383-3		–	
	Green	–		172130-4	
	Blue	172383-5		172130-5	
	Gray	172383-6		172130-6	
	Yellow	–		172130-7	
	Orange	–		172130-8	
	Red	172383-9		–	
	Light Gray	6-172383-6		6-172130-6	

3 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

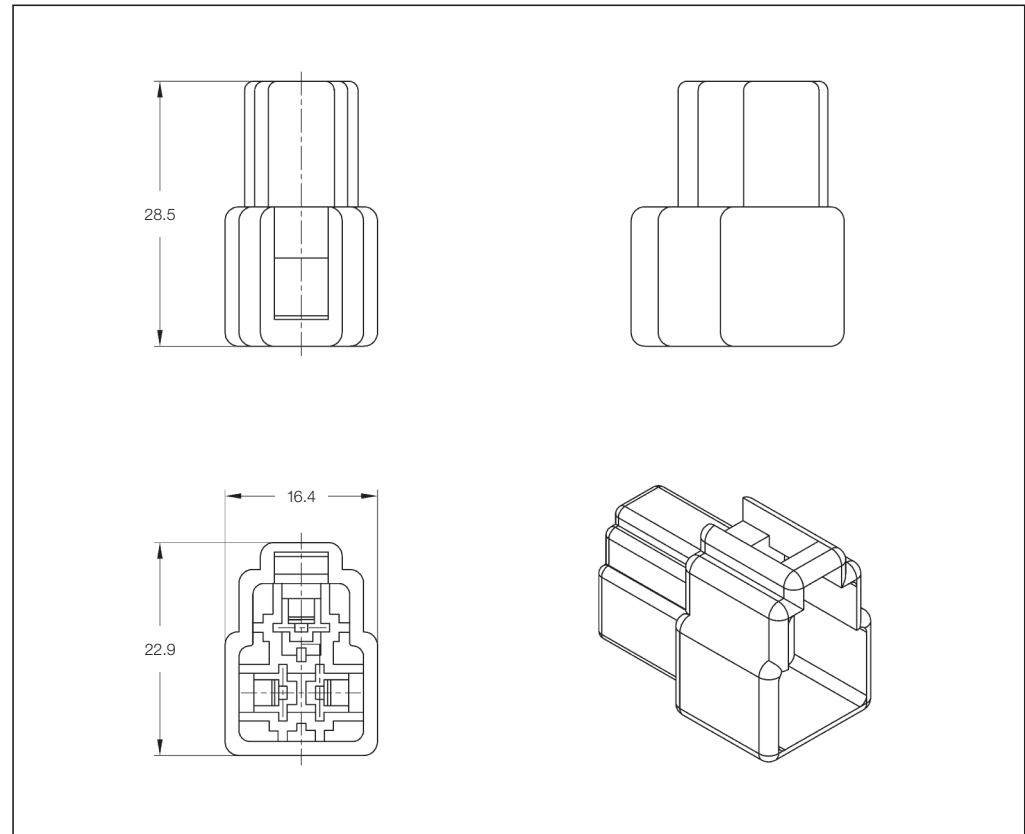
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



3 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
3	Natural	172131-1	3,000	172132-1	170349-1, 170349-2 170340-1, 170340-3 170341-1, 170341-3
	Black	172131-2		172132-2	
	Green	–		172132-4	
	Blue	172131-5		172132-5	
	Gray	172131-6		–	
	Natural	1-172131-1*		1-172132-1*	

*) UL 94 V-0 rated.

3 Position Tab (Cap) Housing – Panel Mount

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

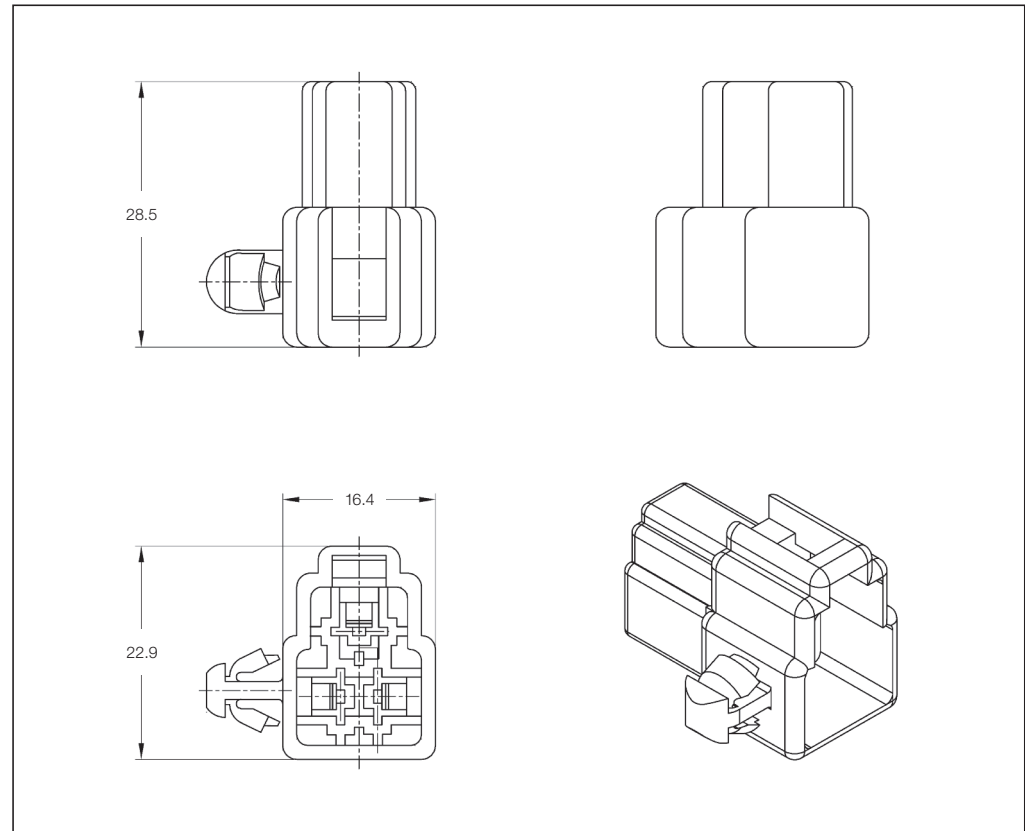
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



3 Position Tab (Cap) Housing for Panel Mount

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
3	Natural	172384-1	2,500	172132-1	170349-1, 170349-2 170340-1, 170340-3 170341-1, 170341-3
	Black	172384-2		172132-2	
	Brown	172384-3		172132-3	
	Green	–		172132-4	
	Blue	–		172132-5	
	Gray	–		172132-6	
	Orange	–		172132-8	
	Red	–		172132-9	
	Natural	–		1-172132-1*	
	Light Gray	6-172384-6		–	

*) UL 94 V-0 rated.

4 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

4 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

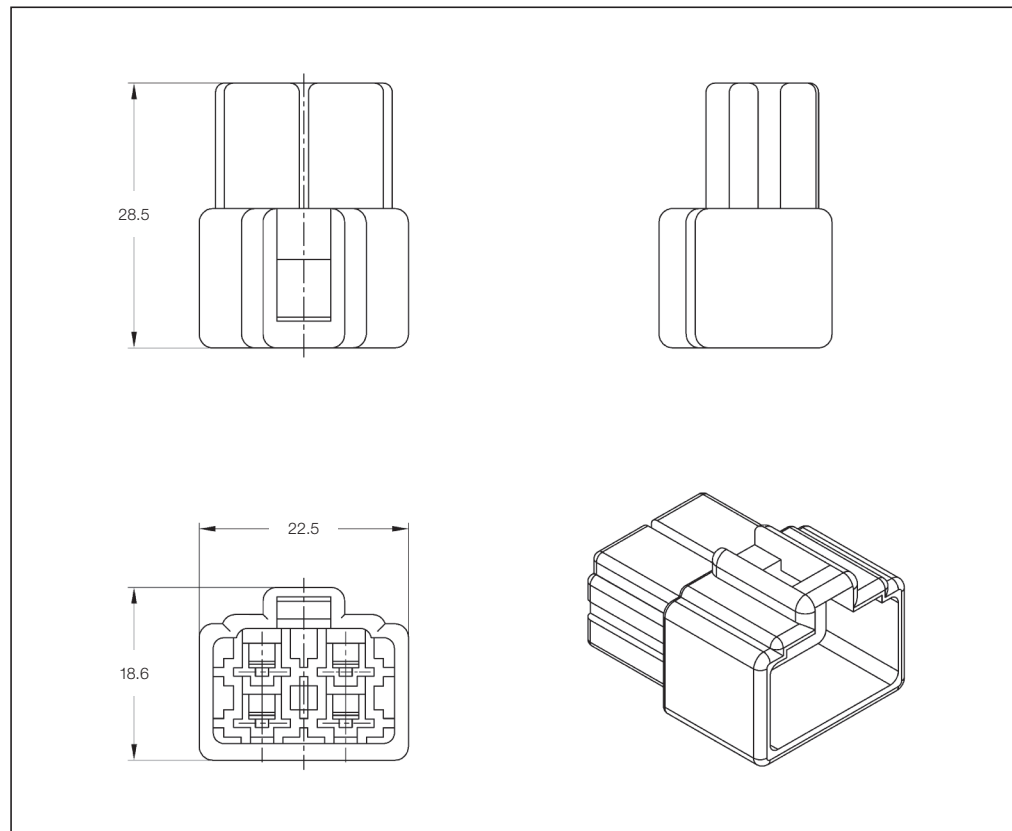
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



4 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
4	Natural	172133-1	2,500	172134-1	170349-1, 170349-2 170340-1, 170340-3 170341-1, 170341-3
	Black	172133-2		172134-2	
	Brown	–		172134-3	
	Green	172133-4		172134-4	
	Blue	172133-5		172134-5	
	Gray	–		172134-6	
	Yellow	172133-7		172134-7	
	Red	172133-9		172134-9	

6 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

6 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

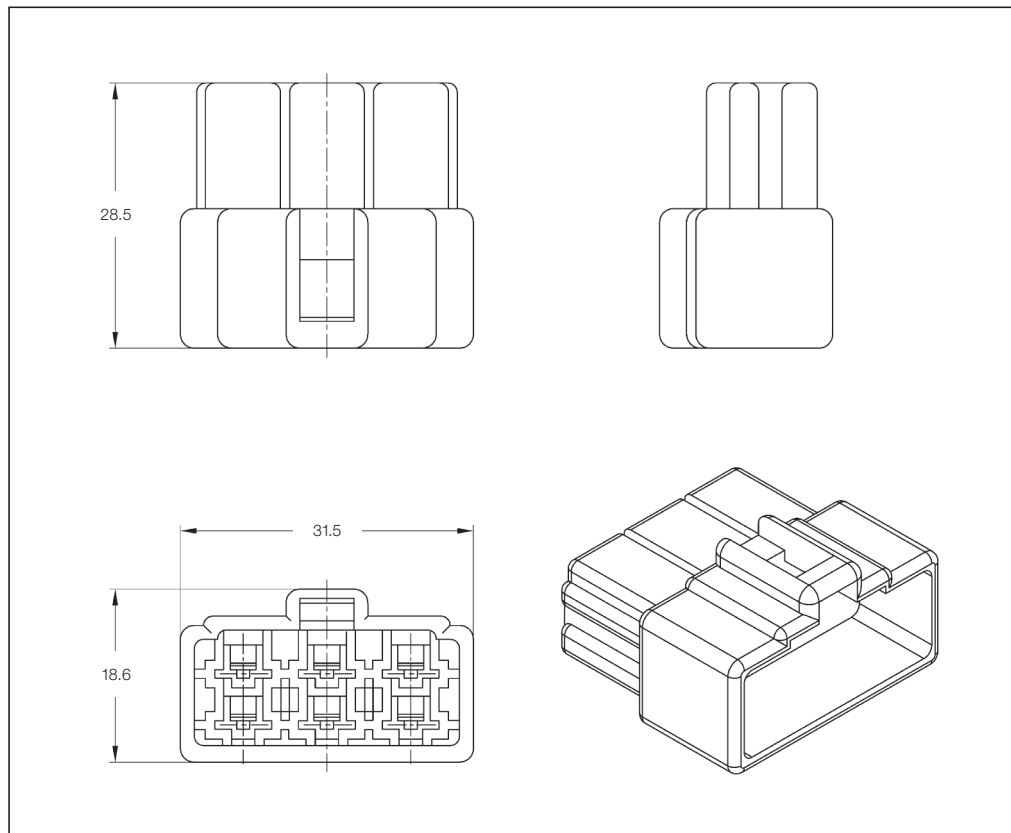
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



6 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
6	Natural	171897-1	1,500	171898-1	170349-1, 170349-2 170340-1, 170340-3 170341-1, 170341-3
	Black	171897-2		171897-2	
	Green	171897-4		171898-4	
	Gray	171897-6		–	
	Yellow	171897-7		171898-7	
	Red	171897-9		171898-9	

8 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

8 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

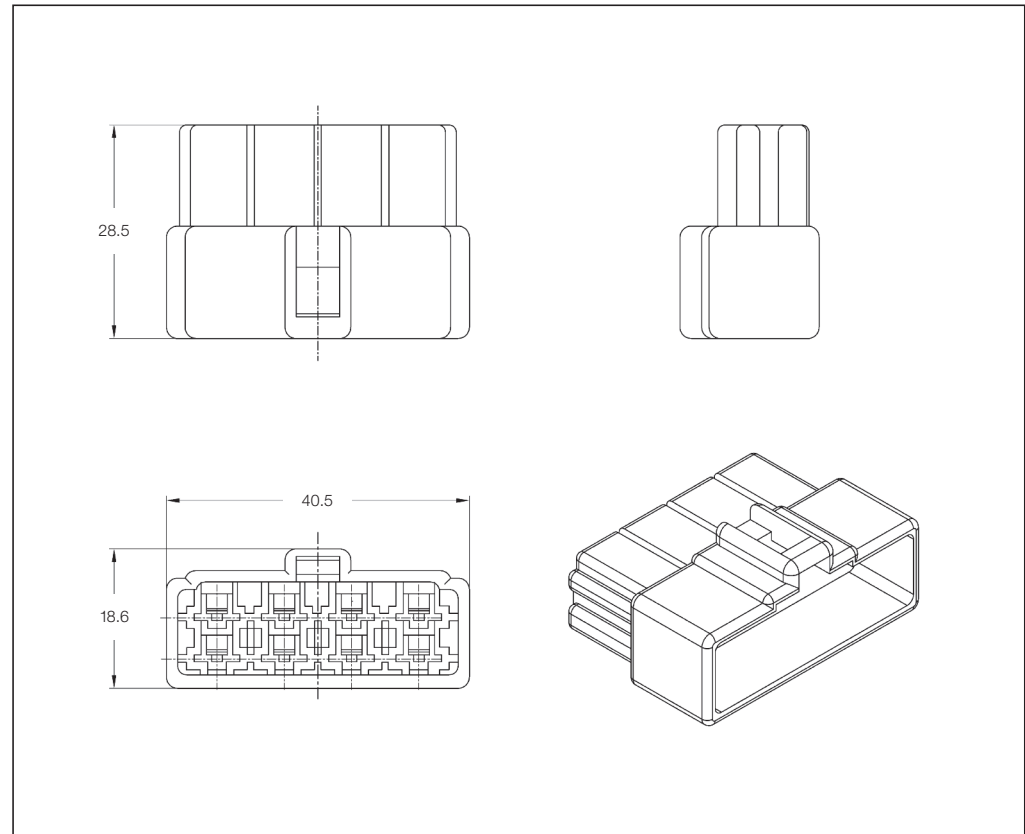
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



8 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
8	Natural	172135-1	1,300	172136-1	170349-1, 170349-2
	Black	172135-2		172136-2	170340-1, 170340-3
	Blue	172135-5		–	170341-1, 170341-3

10 Position Tab (Cap) Housing – Standard Type

Technical Features

No. of Positions:

10 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

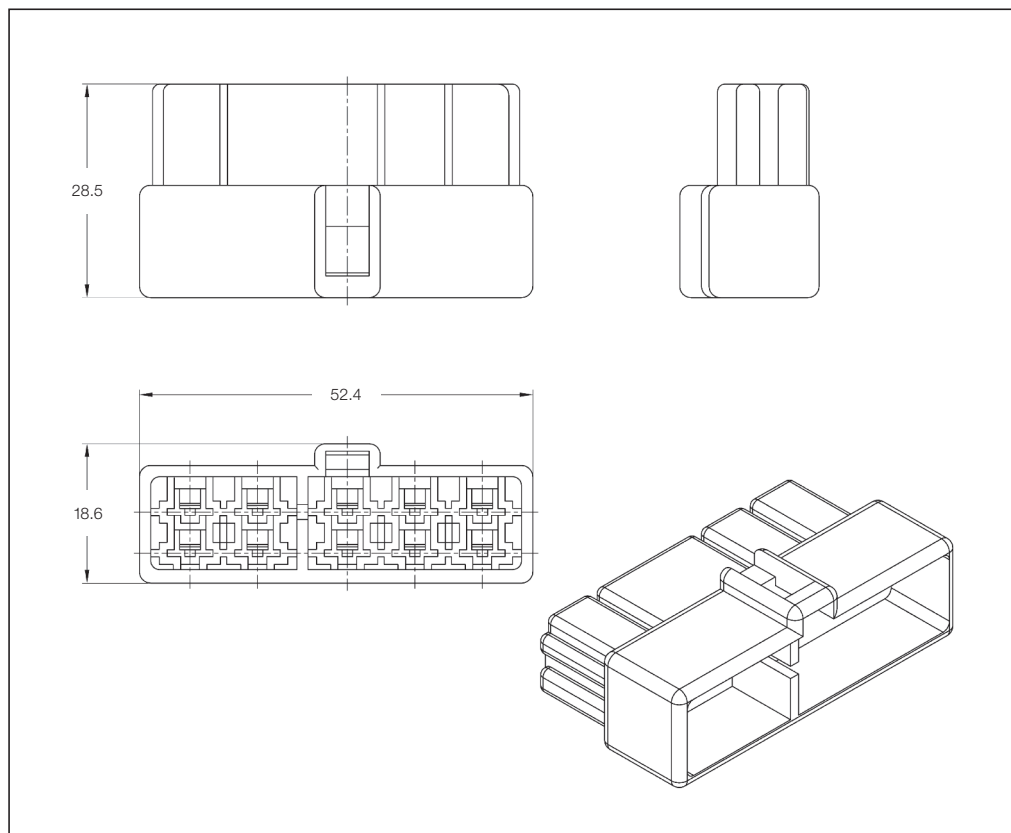
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5153

Application Specification:

114-5052



10 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
10	Natural	172137-1	1,000	172138-1	170384-1, 170384-2
	Black	–		172138-2	170032-2, 170032-5 170258-1, 170258-2

Engineering Notes

A large rectangular area filled with a fine grid of light gray lines, intended for drawing or writing engineering notes. The grid covers the majority of the page below the header and above the footer.

1 Position Receptacle (Plug) Housing – Interlock Type

Technical Features

No. of Positions:

1 Position

Housing Material:

6/6 Nylon

Wire Size Range:

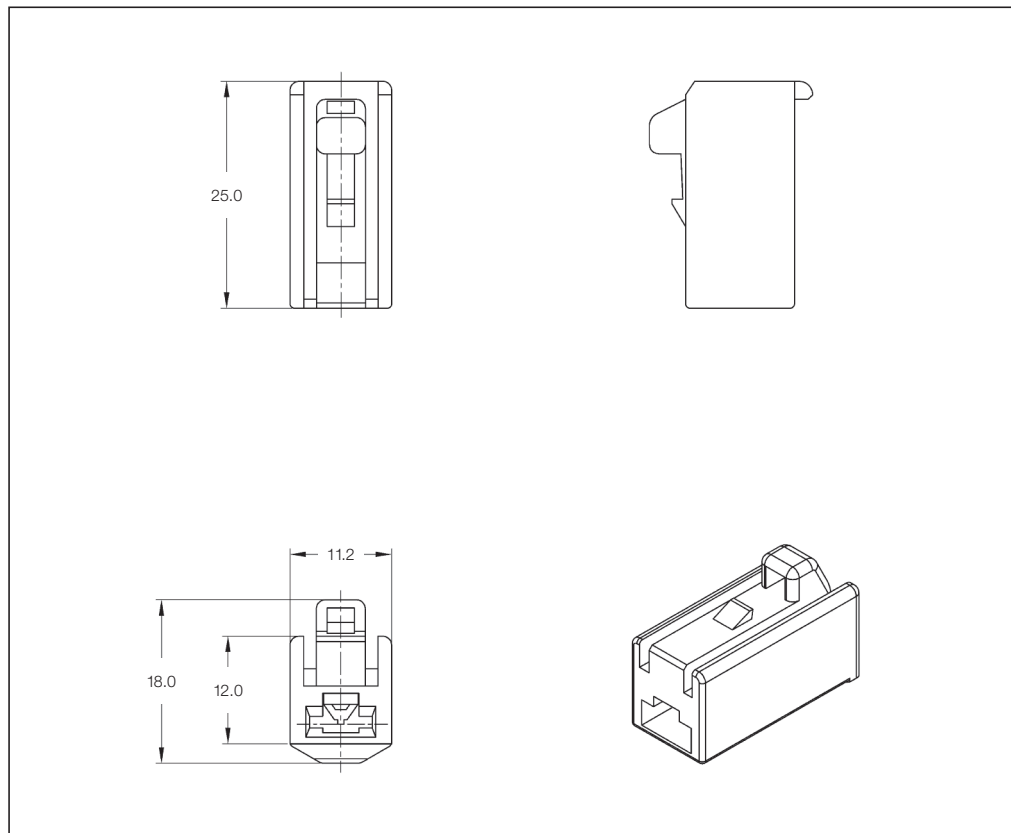
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



1 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
1	Natural	172216-1	5,000	172215-1	170384-1, 170384-2
	Black	–		172215-2	
	Brown	–		172215-3	170032-2, 170032-5
	Blue	–		172215-5	170258-1, 170258-2

2 Position Receptacle (Plug) Housing – Interlock Type

Technical Features

No. of Positions:

2 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

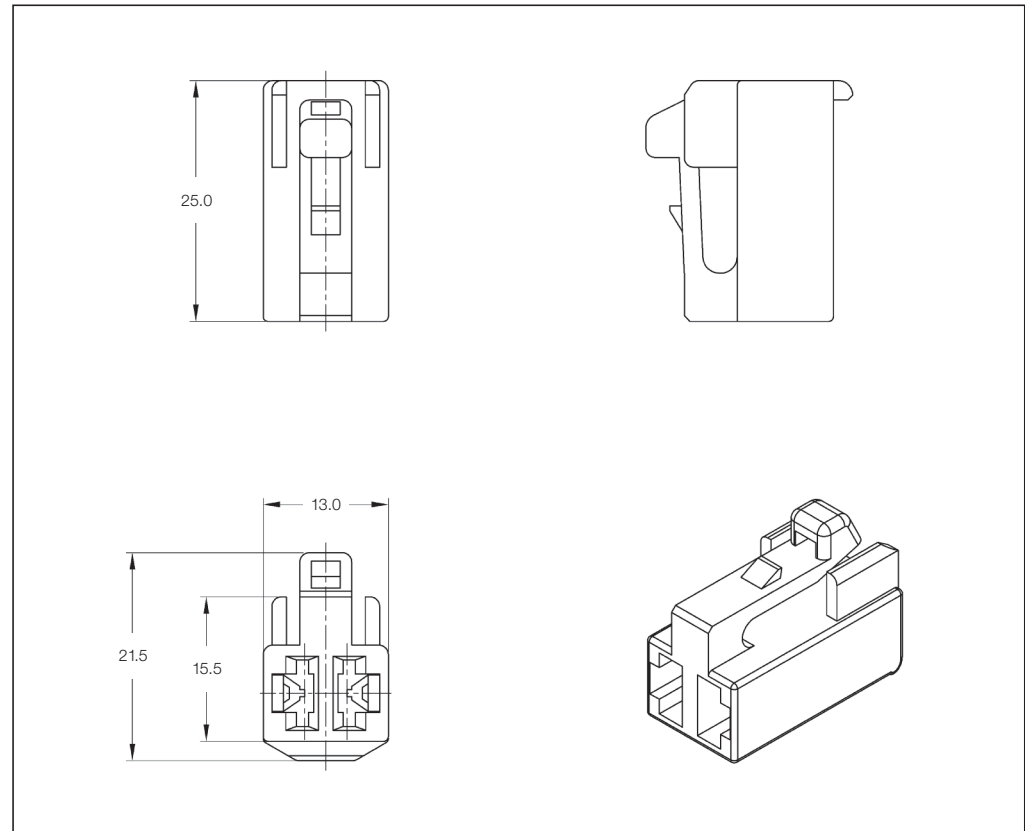
0.3–3.37 mm² (AWG 22–16)

Product Specification:

108-5169

Application Specification:

114-5052



2 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
2	Natural	172218-1	4,000	172217-1	170384-1, 170384-2
	Natural	172218-2		172217-2	170032-2, 170032-5 170258-1, 170258-2

3 Position Receptacle (Plug) Housing – Interlock Type

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

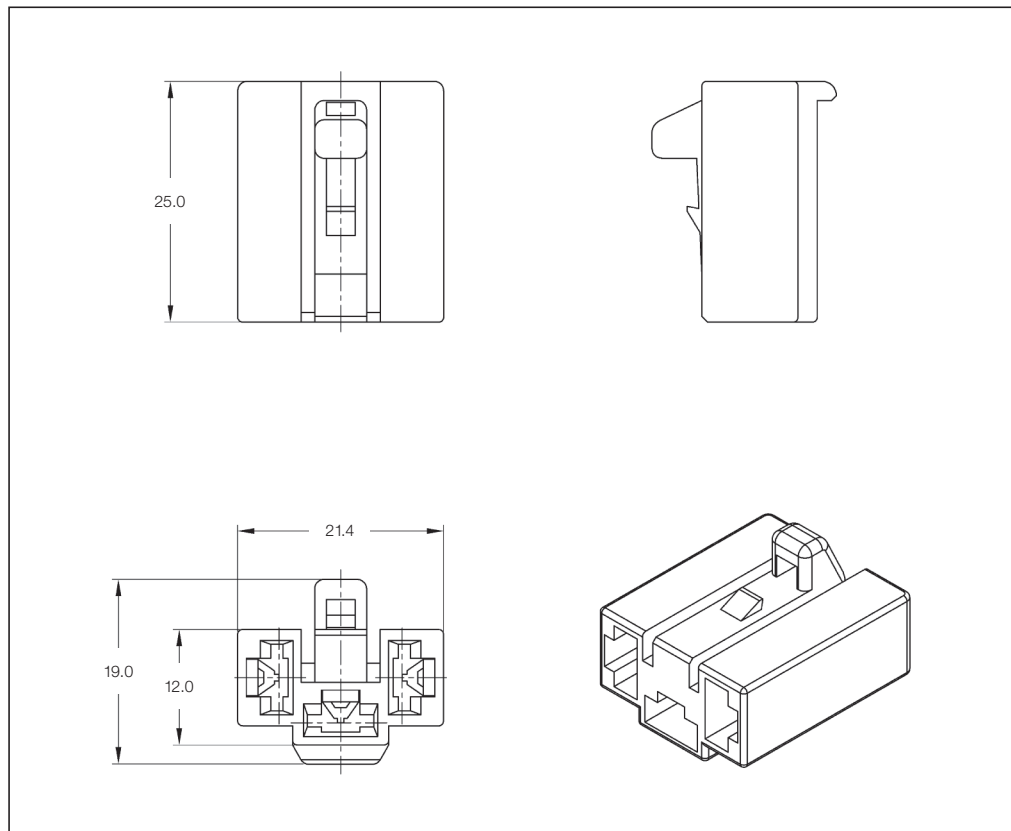
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



3 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
3	Natural	172220-1	3,000	172219-1	170384-1, 170384-2
	Natural	1-172220-1*		–	170032-2, 170032-5 170258-1, 170258-2

*) UL 94 V-0 rated.

3 Position Receptacle (Plug) Housing – Interlock Type for Panel Mount

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

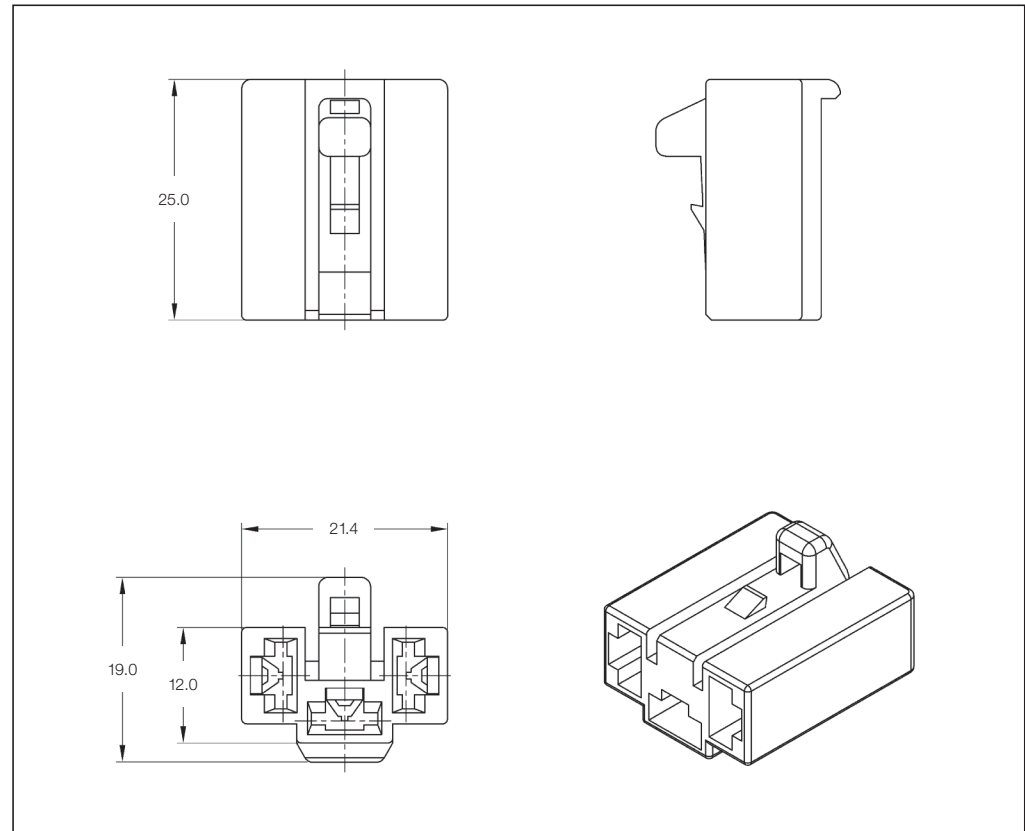
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



3 Position Receptacle (Plug) Housing for Panel Mount

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
3	Natural	172220-1	3,000	172387-1	170384-1, 170384-2
					170032-2, 170032-5
					170258-1, 170258-2

4 Position Receptacle (Plug) Housing – Interlock Type

Technical Features

No. of Positions:

4 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

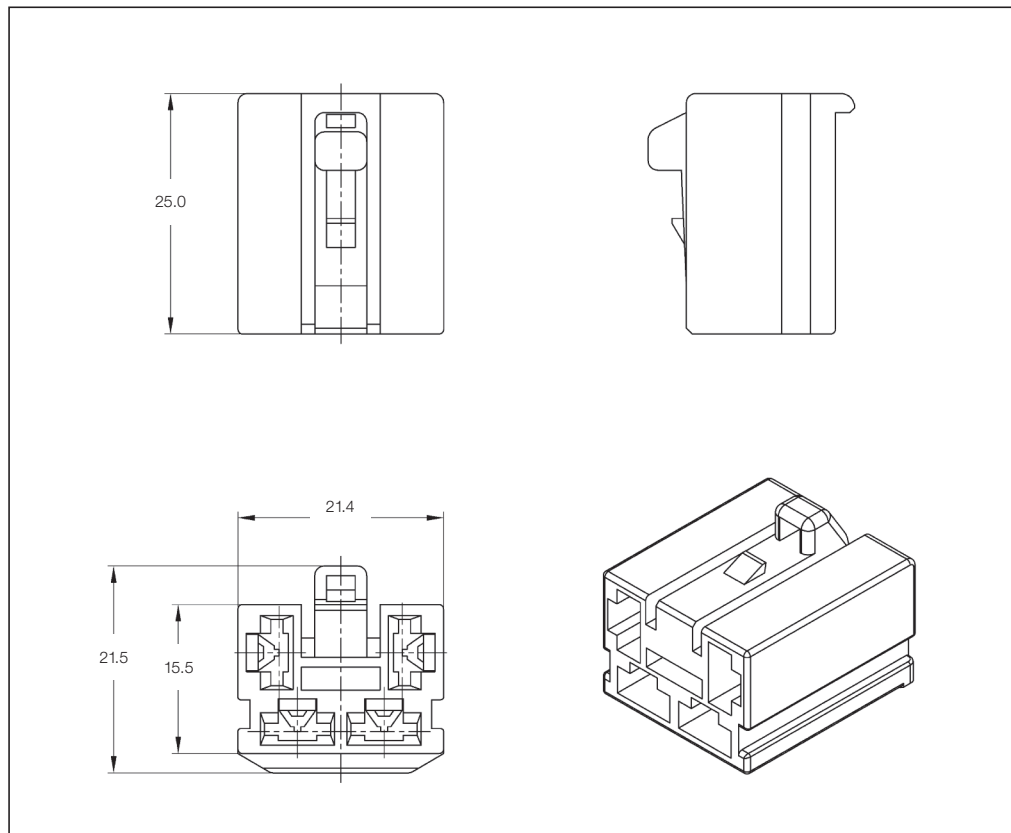
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



4 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
4	Natural	172222-1	2,000	172221-1	170384-1, 170384-2
					170032-2, 170032-5
					170258-1, 170258-2

9 Position Receptacle (Plug) Housing – Interlock Type

Technical Features

No. of Positions:

9 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

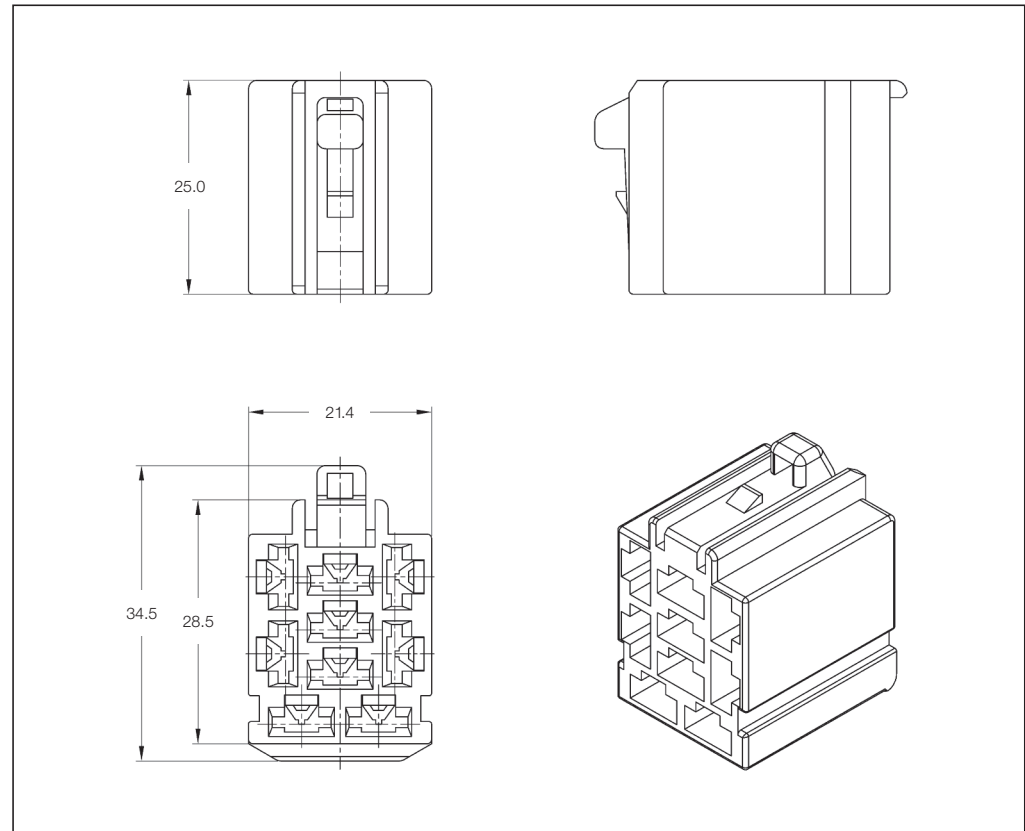
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



9 Position Receptacle (Plug) Housing

No. of Positions	Housing Color	Part Numbers			
		Receptacle (Plug) Housing	Package Quantity	Mating Tab (Cap) Housing	Applicable Contacts
9	Natural	172228-1	1,500	172227-1	170384-1, 170384-2
					170032-2, 170032-5
					170258-1, 170258-2

1 Position Tab (Cap) Housing – Interlock Type

Technical Features

No. of Positions:

1 Position

Housing Material:

6/6 Nylon

Wire Size Range:

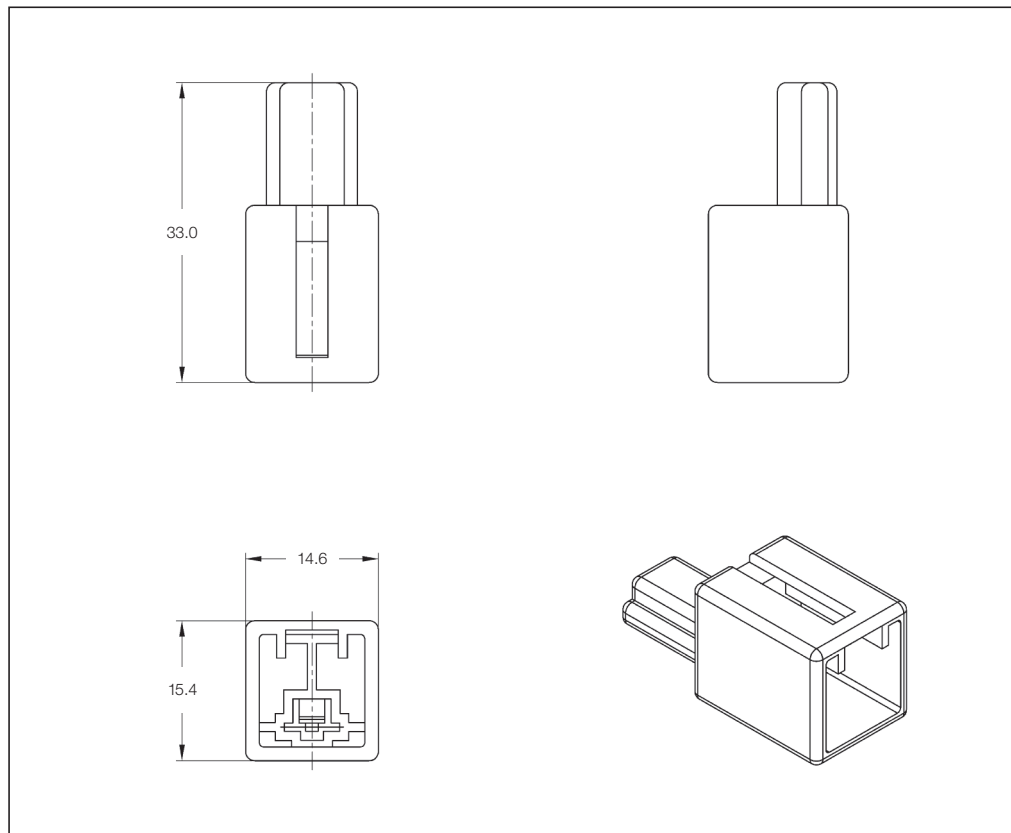
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



1 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
1	Natural	172215-1	4,000	172216-1	170349-1, 170349-2
					170340-1, 170340-3
					170341-1, 170341-3

2 Position Tab (Cap) Housing – Interlock Type

Technical Features

No. of Positions:

2 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

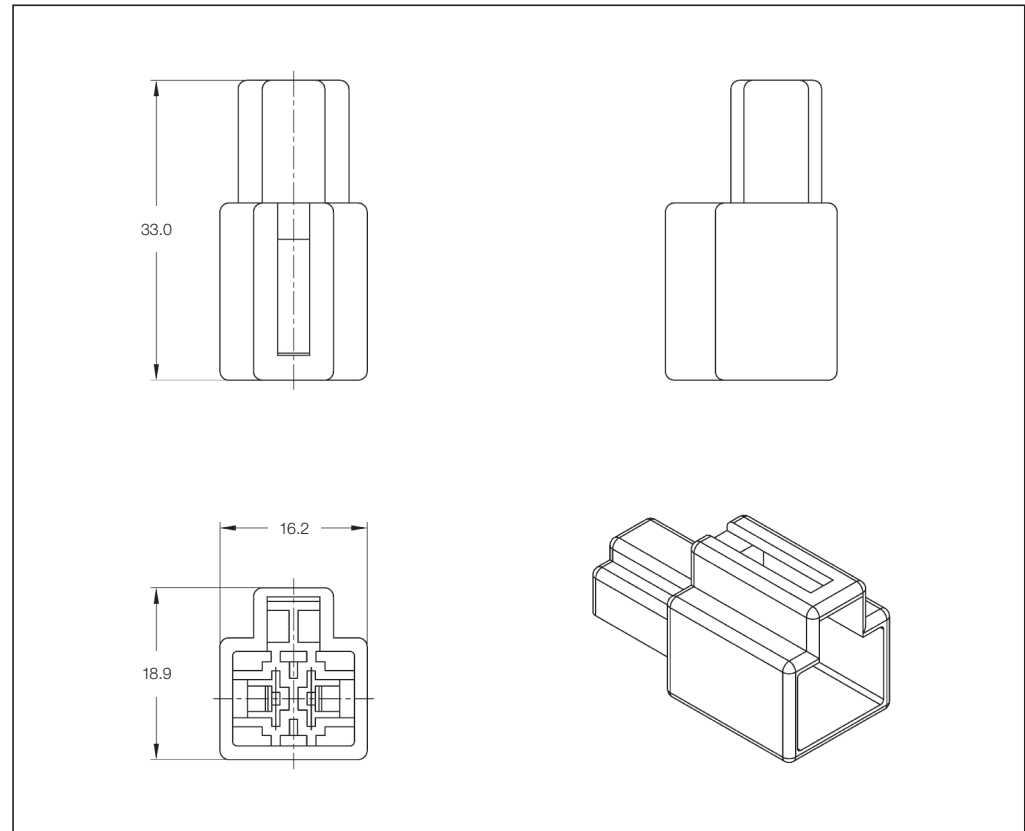
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



2 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
2	Natural	172217-1	2,500	172218-1	170349-1, 170349-2
	Black	172217-2		172218-2	170340-1, 170340-3 170341-1, 170341-3

3 Position Tab (Cap) Housing – Interlock Type

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

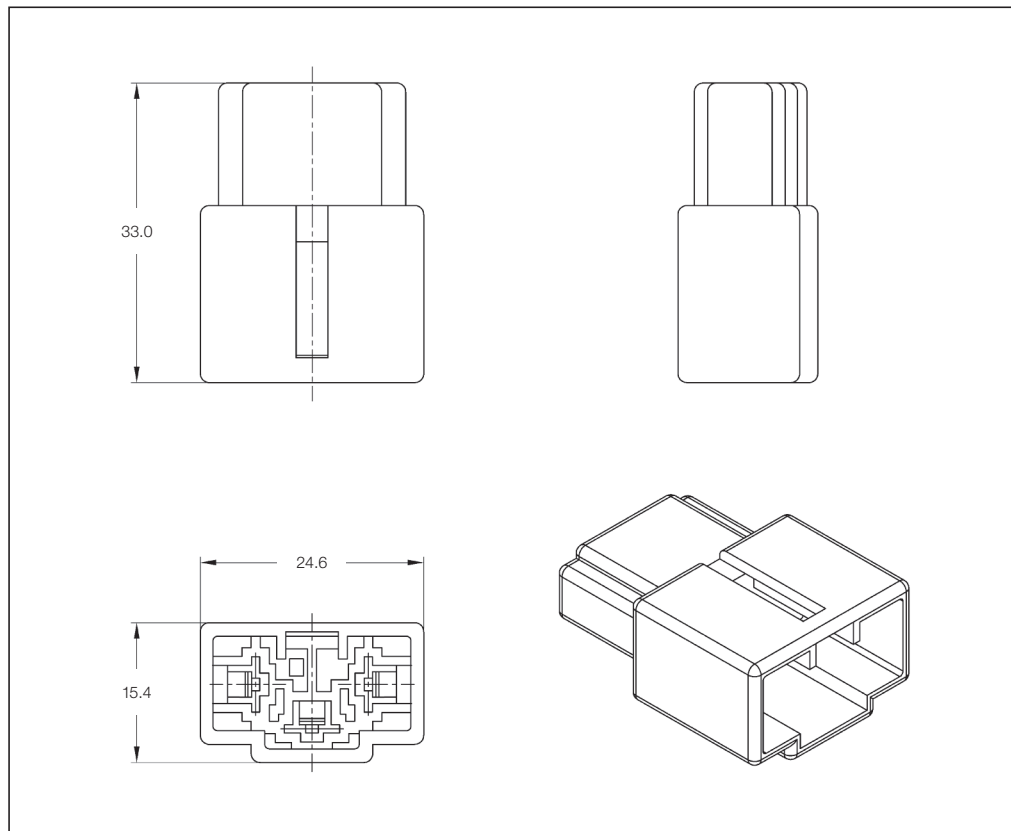
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



3 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
3	Natural	172219-1	2,000	172220-1	170349-1, 170349-2
					170340-1, 170340-3
					170341-1, 170341-3

3 Position Tab (Cap) Housing – Interlock Type for Panel Mount

Technical Features

No. of Positions:

3 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

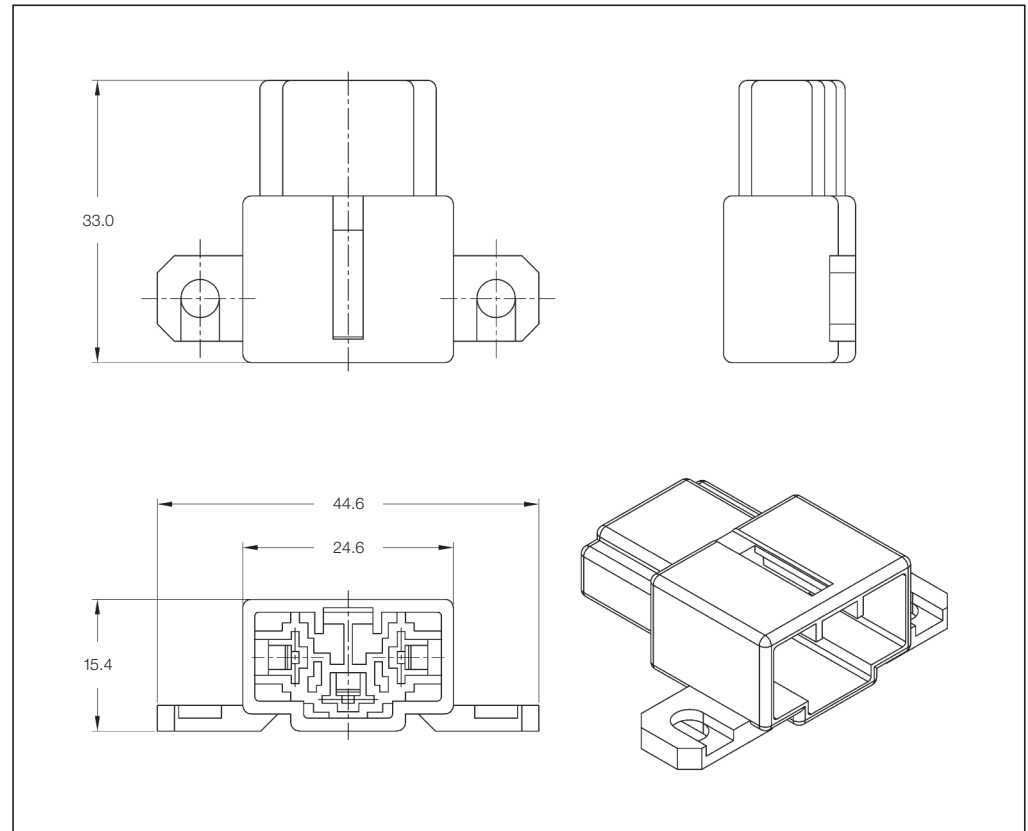
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



3 Position Tab (Cap) Housing for Panel Mount

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
3	Natural	172387-1	1,500	172220-1	170349-1, 170349-2
					170340-1, 170340-3
					170341-1, 170341-3

4 Position Tab (Cap) Housing – Interlock Type

Technical Features

No. of Positions:

4 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

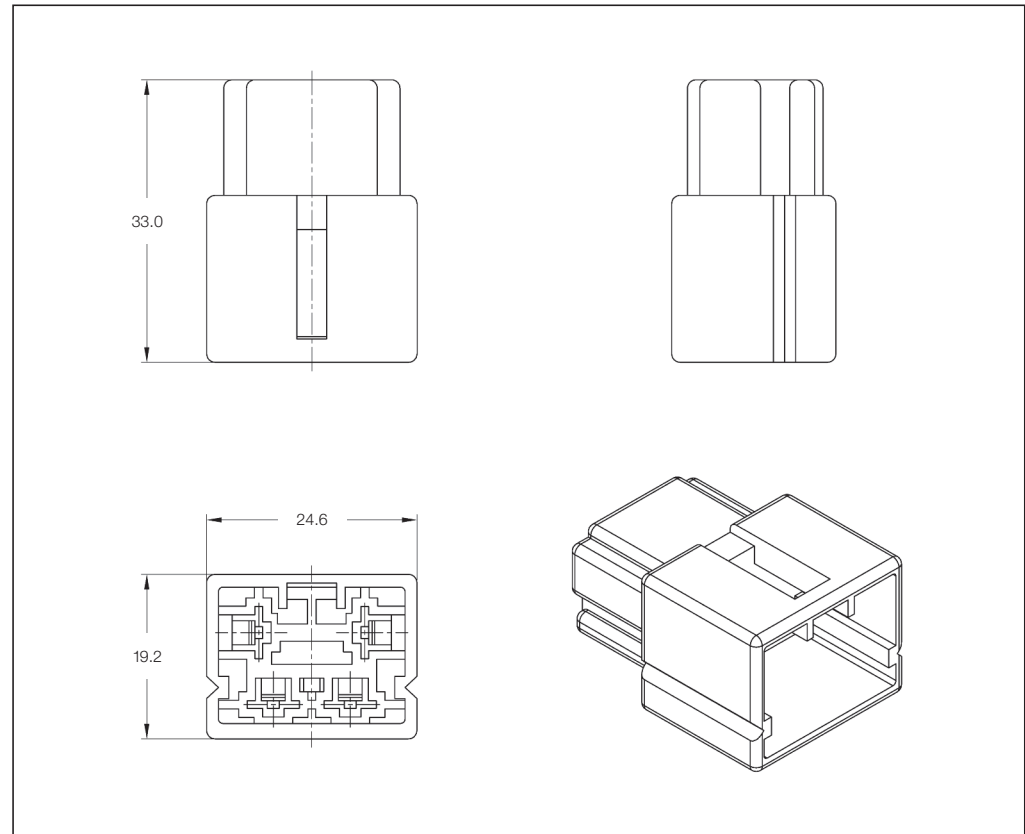
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



4 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
4	Natural	172221-1	1,500	172222-1	170349-1, 170349-2
					170340-1, 170340-3
					170341-1, 170341-3

9 Position Tab (Cap) Housing – Interlock Type

Technical Features

No. of Positions:

9 Positions

Housing Material:

6/6 Nylon

Wire Size Range:

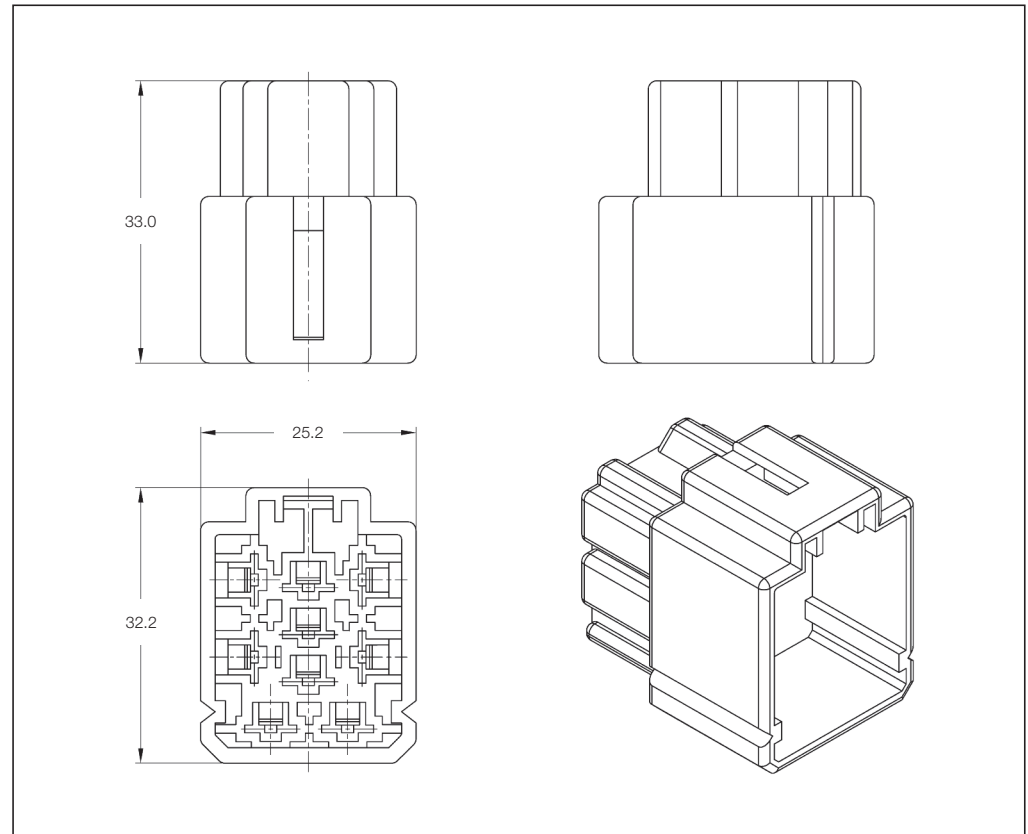
0.3–3.37 mm² (AWG 22–12)

Product Specification:

108-5169

Application Specification:

114-5052



9 Position Tab (Cap) Housing

No. of Positions	Housing Color	Part Numbers			
		Tab (Cap) Housing	Package Quantity	Mating Receptacle (Plug) Housing	Applicable Contacts
9	Natural	172227-1	800	172228-1	170349-1, 170349-2
					170340-1, 170340-3
					170341-1, 170341-3