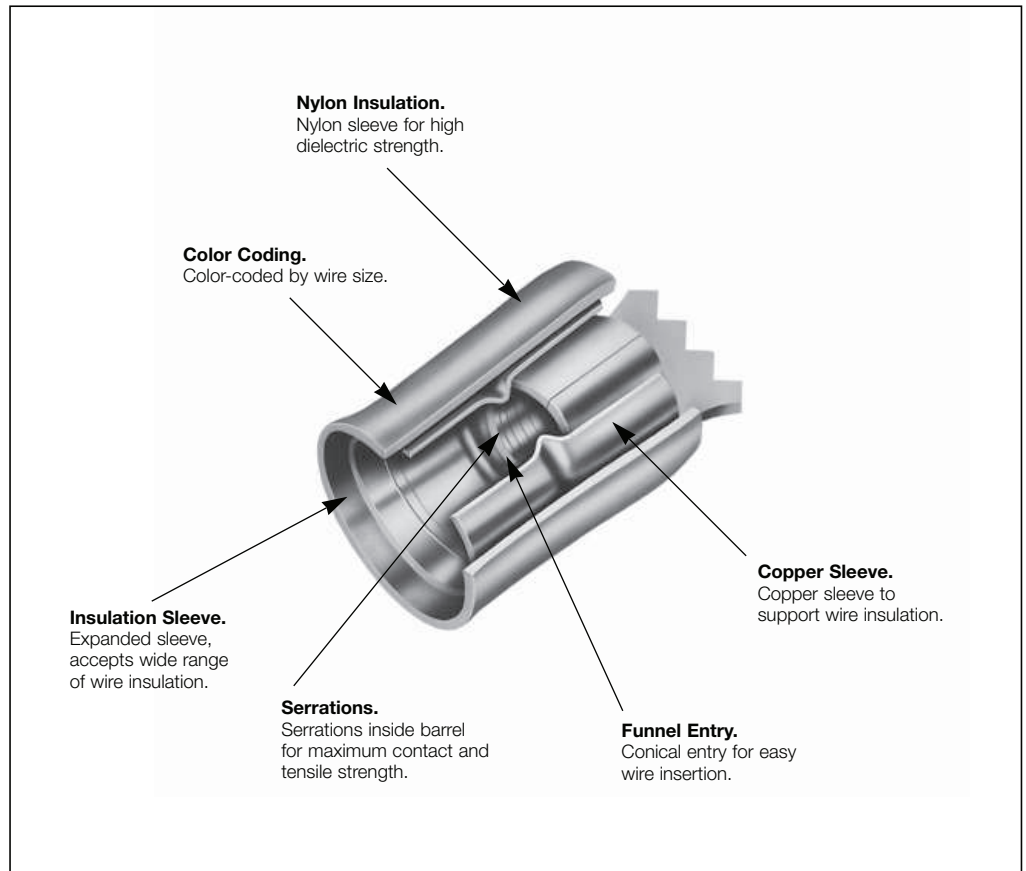


Introduction

**Product Facts**

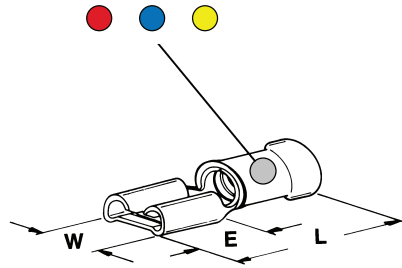
- Inner serrations on the wire barrel gives maximum electrical contact and tensile strength with the conductor.
- Copper sleeve provides circum-ferential insulation support to the wire and allows the wire to be bent in any direction without damaging the wire insulation or conductors.
- Insulation sleeves and corresponding tooling are color-coded by wire size for easier identification.



Pre-Insulated Receptacles

**Pre-Insulated  
PIDG-FASTON  
Receptacles**

**Insulation Sleeve:**  
Nylon acc. UL 94 V-2



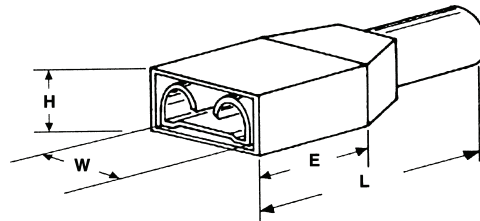
	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)			Part Numbers	
				W	L	E	Brass, tin plated	Phosphor Bronze, tin plated
●	2.0 x 0.5	0.14-0.40	2.1	3.0	16.1	5.1	152466	-
●	2.8 x 0.3	0.30-1.50	3.5	3.7	19.8	6.3	165563-1	165563-2
●	2.8 x 0.3	1.50-2.50	4.3	3.7	19.8	6.3	165614-2	165614-5
●	2.8 x 0.4	0.30-1.50	3.5	3.7	19.8	6.3	165564-1	165564-2
●	2.8 x 0.4	1.50-2.50	4.3	3.7	19.8	6.3	165615-2	165615-5
●	2.8 x 0.5	0.14-0.40	2.1	3.8	17.4	6.3	152462	-
○	2.8 x 0.5	0.20-0.56	2.5	3.7	18.6	6.3	-	140964-1*
●	2.8 x 0.5	0.30-1.50	3.5	3.7	19.8	6.3	165565-1	165565-2
●	2.8 x 0.5	1.50-2.50	4.3	3.7	18.6	6.3	165616-2	165616-5
●	2.8 x 0.8	0.14-0.40	2.1	3.7	17.4	6.3	165619-2	165619-5
●	2.8 x 0.8	0.30-1.50	3.5	3.7	19.8	6.3	165566-1	165566-2
●	2.8 x 0.8	1.50-2.50	4.3	3.7	19.8	6.3	165617-2	165617-5
●	4.8 x 0.5	0.30-1.50	3.5	5.6	21.0	6.3	9-160481-1	9-160481-5
●	4.8 x 0.5	1.00-2.50	4.3	5.7	21.9	6.4	9-160477-2	9-160477-5
●	4.8 x 0.8	0.30-1.50	3.5	5.6	21.0	6.3	9-160483-1	9-160483-5
●	4.8 x 0.8	1.00-2.50	4.3	5.7	21.9	6.4	9-160479-2	9-160479-5
●	5.0 x 0.8	0.30-1.00	3.3	6.3	21.6	7.9	140805-2	140948-1
●	5.0 x 0.8	1.00-1.50	3.3	6.3	21.6	7.9	140805-2	140948-1
●	5.0 x 0.8	1.00-2.50	4.0	6.3	21.6	7.9	140802-2	140950-1
●	5.0 x 0.8	3.00-3.40	4.0	6.3	21.6	7.9	140802-2	140950-1
●	6.3 x 0.8	0.30-1.50	3.5	7.6	22.2	7.7	9-160583-2	9-160583-5
●	6.3 x 0.8	1.00-2.50	4.3	7.6	23.2	7.7	9-160313-2	9-160313-5
●	6.3 x 0.8	4.00-6.00	6.3	7.6	27.2	7.7	160314-2	160314-5

\*) **Color:** Transparent

Fully-Insulated Receptacles

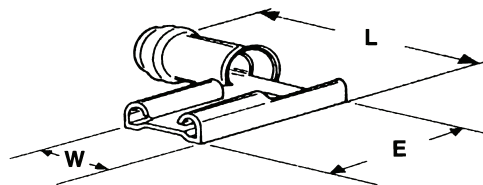
Fully-Insulated  
PIDG-FASTON  
Receptacles

Insulation Sleeve:  
Nylon acc. UL 94 V-2



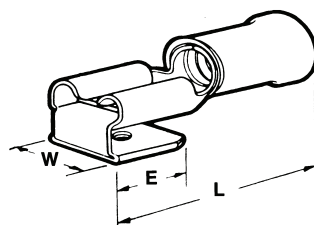
	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)				Part Numbers	
				W	L	E	H	Brass, tin plated	Phosphor Bronze, tin plated
●	6.3 x 0.8	0.3-1.0	3.3	9.2	21.6	7.8	5.3	735278	735278-1
●	6.3 x 0.8	1.0-1.5	3.3	9.2	21.6	7.8	5.3	735278	735278-1
●	6.3 x 0.8	0.3-1.0	3.3	9.2	21.6	7.8	5.3	735279	-
●	6.3 x 0.8	1.5-2.5	4.0	9.2	21.6	7.8	5.3	735159	-
●	6.3 x 0.8	1.0-2.5	4.0	9.2	21.6	7.8	5.3	735160	-

PIDG-FASTON  
Flag Version



	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)			Part Numbers	
				W	L	E	Brass, tin plated	Phosphor Bronze, tin plated
●	6.3 x 0.8	0.3-1.5	3.4	7.6	18.3	15.5	156667-1	-
●	6.3 x 0.8	1.0-2.5	4.0	7.6	18.3	15.5	156666-1	-
●	6.3 x 0.8	1.5-2.5	4.0	7.6	18.3	15.5	156666-1	-

PIDG-FASTON  
Receptacles  
Piggy Back Style

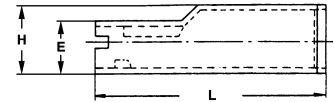
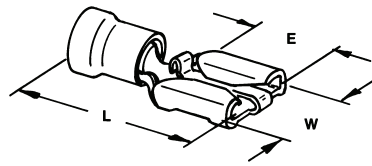


	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)			Part Numbers	
				W	L	E	Brass, tin plated	Phosphor Bronze, tin plated
●	6.3 x 0.8	0.3-1.5	3.5	7.6	23.4	7.7	9-160834-2	9-160834-5
●	6.3 x 0.8	1.0-2.5	4.3	7.6	23.4	7.7	9-160463-2	9-160463-5

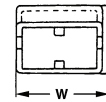
Receptacles and Tabs

**PIDG – Positive Lock Receptacle**

Low Insertion Force with Locking Device and Vibration Resistance

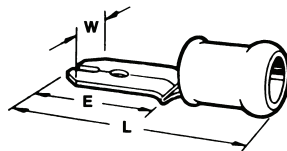


Housing for Full Protection and Easy Release



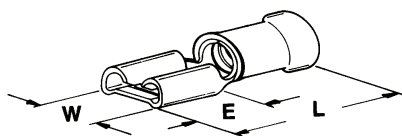
	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)				Part Numbers	
				W	L	E	H	Brass, tin plated	Phosphor Bronze, tin plated
●	6.3 x 0.8	1.5–2.5	4.8	9.2	21.6	8.0	–	165536-1	165536-2
	Housing: Neutral			9.8	24.3	5.7	7.2	154719	–
	Housing: Black			9.8	24.3	5.7	7.2	154719-1	–

**PIDG-FASTON Tab**



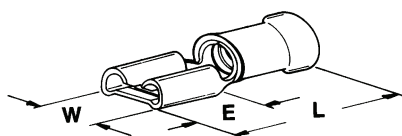
	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)			Part Numbers	
				W	L	E	Brass, tin plated	Phosphor Bronze, tin plated
●	6.3 x 0.8	0.5–1.0	3.3	6.3	23.5	9.4	140896-2	–
●	6.3 x 0.8	1.0–2.5	3.9	6.3	23.5	9.4	140971-2	–
●	6.3 x 0.8	4.0–6.0	5.7	6.3	28.0	9.4	141085-2	–

**PIDG-FASTON Receptacles for Automotive Applications as Head Lights**



	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)			Part Numbers	
				W	L	E	Brass, tin plated	Phosphor Bronze, tin plated
●	8.0 x 0.75	1.0–2.5	4.3	9.0	24.4	14.6	9-160326-2	–

**PIDG-FASTON Receptacles for Tab for Alternators/Bus-Bars**



	For Tab (mm)	Wire Size Range (mm <sup>2</sup> )	Insulation Diameter max. (mm)	Dimensions (mm)			Part Numbers	
				W	L	E	Brass, tin plated	Phosphor Bronze, tin plated
●	9.5 x 1.2	4.0–6.0	6.3	11.0	30.7	11.9	160524-2	160524-4

**Cross Reference for Small Packaging**

<b>Standard Package</b>	<b>Description</b>	<b>Small Pack Order Number</b>	<b>Primary Package Quantity</b>	<b>Minimum Order Quantity</b>
181949-2	.250 FASTON TAB	6-1377174-3	50	1,000
181949-1	.250 FASTON TAB	6-1377174-2	50	1,000
140665	.250 FASTON TAB	6-1377174-1	50	1,000
181948-1	.250 SERIES FASTON TAB	6-1377174-4	50	1,000
735052	2.8 FASTON REC. SLEEVE	7-1377174-3	100	2,000
925387-1	AMP PIP POD HOUSING	7-1377174-0	100	2,000
1-480435-0	.187 FASTON HOUSING	7-1377174-1	50	1,000
735075	.250 FASTON REC. SLEEVE	7-1377174-6	50	1,000
925068	.250 FASTON REC. SLEEVE	7-1377174-2	50	1,000
926539-1	.250 FASTON INS. BOOT	7-1377174-4	50	1,000
926539-5	.250 P.I. FASTON HOUSING	7-1377174-5	50	1,000
1-925017-0	INSULATION SLEEVE	6-1377174-9	50	1,000
2-180930-0	INSULATION CLEAR	6-1377174-8	50	1,000
180909	FASTON CONNECTOR	6-1377174-7	10	200
41291	.250 SERIES FASTON TAB	6-1377174-0	50	1,000
41480	.250 SERIES FASTON TAB	5-1377174-7	50	1,000
140734-1	FASTON TAB	5-1377174-4	50	1,000
140814-1	FASTON TAB	5-1377174-1	50	1,000
140814-2	FASTON TAB	5-1377174-2	50	1,000
141879-1	.250 FASTON TAB	5-1377174-3	100	2,000
142241-1	.250 FASTON TAB	5-1377174-6	50	1,000
140608	.250 FASTON TAB	5-1377174-5	50	1,000
141878-1	.250 FASTON TAB	5-1377174-8	50	1,000
141878-2	.250 FASTON TAB	5-1377174-9	50	1,000
1-160304-8	.250 SERIES FASTON REC.	4-1377174-7	100	2,000
160625-2	.110 SERIES FASTON REC.	3-1377174-5	100	2,000
5-160321-2	.110 SERIES FASTON REC.	3-1377174-4	100	2,000
160626-2	.110 SERIES FASTON REC.	3-1377174-7	100	2,000
160626-1	.110 SERIES FASTON REC.	3-1377174-6	100	2,000
5-160491-2	.187 SERIES FASTON REC.	4-1377174-0	100	2,000
5-160490-1	.187 SERIES FASTON REC.	3-1377174-8	100	2,000
5-160491-1	.187 SERIES FASTON REC.	3-1377174-9	100	2,000
5-160506-2	.250 SERIES FASTON REC.	4-1377174-2	100	2,000
1-160304-2	.250 SERIES FASTON REC.	4-1377174-5	100	2,000
1-160305-6	.250 SERIES FASTON REC.	4-1377174-9	100	2,000
5-160506-1	.250 SERIES FASTON REC.	4-1377174-1	100	2,000
1-160304-0	.250 SERIES FASTON REC.	4-1377174-4	100	2,000
1-160305-3	.250 SERIES FASTON REC.	4-1377174-8	100	2,000
5-160506-3	.250 SERIES FASTON REC.	4-1377174-3	50	1,000
2-160304-4	.250 SERIES FASTON REC.	4-1377174-6	50	1,000
160305-5	.250 SERIES FASTON REC.	5-1377174-0	50	1,000
163179-1	.250 LINE SPL CONN AS	6-1377174-5	10	200
165616-5	.110 PIDG FASTON REC.	9-1377174-6	50	1,000
165565-2	2.8 PIDG FASTON REC.	8-1377174-2	50	1,000
165617-5	110 PIDG FASTON REC.	9-1377174-8	100	2,000
165619-5	110 PIDG FASTON REC.	7-1377174-8	50	1,000

Cross Reference for Small Packaging (continued)

Standard Package	Description	Small Pack Order Number	Primary Package Quantity	Minimum Order Quantity
165566-2	.110 PIDG FASTON REC.	8-1377174-4	50	1,000
9-160477-5	.187 PIDG FASTON REC.	1377175-1	100	2,000
9-160481-5	.187 PIDG FASTON REC.	8-1377174-6	100	2,000
9-160479-5	.187 PIDG FASTON REC.	1377175-3	100	2,000
9-160483-5	.187 PIDG FASTON REC.	8-1377174-8	100	2,000
140950-1	.197 PIDG FASTON REC.	1377175-5	100	2,000
140948-1	.197 PIDG FASTON REC.	9-1377174-0	100	2,000
9-160313-5	.250 PIDG FASTON REC.	1377175-7	100	2,000
160314-5	.250 PIDG FASTON REC.	1-1377175-0	50	1,000
9-160583-5	.250 PIDG FASTON REC.	9-1377174-2	100	2,000
165614-2	.110 PIDG FASTON REC.	9-1377174-3	100	2,000
165563-1	.110 PIDG FASTON REC.	7-1377174-9	50	1,000
165615-2	.110 PIDG FASTON REC.	9-1377174-4	100	2,000
165564-1	.110 PIDG FASTON REC.	8-1377174-0	50	1,000
165616-2	.110 PIDG FASTON REC.	9-1377174-5	50	1,000
165565-1	2.8 PIDG FASTON REC.	8-1377174-1	50	1,000
165617-2	.110 PIDG FASTON REC.	9-1377174-7	100	2,000
165619-2	.110 PIDG FASTON REC.	7-1377174-7	50	1,000
165566-1	.110 PIDG FASTON REC.	8-1377174-3	50	1,000
9-160477-2	.187 PIDG FASTON REC.	9-1377174-9	100	2,000
9-160481-1	4.8 PIDG FASTON REC.	8-1377174-5	50	1,000
9-160479-2	.187 PIDG FASTON REC.	1377175-2	100	2,000
9-160483-1	4.8 PIDG FASTON REC.	8-1377174-7	50	1,000
140802-2	.197 PIDG FASTON REC.	1377175-4	100	2,000
140805-2	.197 PIDG FASTON REC.	8-1377174-9	100	2,000
9-160313-2	.250 PIDG FASTON REC.	1377175-6	100	2,000
160314-2	.250 FASTON	1377175-9	50	1,000
9-160583-2	.250 PIDG FASTON REC.	9-1377174-1	100	2,000
9-160326-2	.312 PIDG FASTON REC.	1377175-8	100	2,000
160524-2	.375 PIDG FASTON REC.	1-1377175-1	50	1,000
9-160463-5	6.3 P.B.FASTON REC.	2-1377175-2	50	1,000
160834-5	PIDG PIGGY-BACK FASTON	2-1377175-0	100	2,000
9-160463-2	PIDG PIGGY-BACK FASTON	2-1377175-1	50	1,000
160834-2	PIDG PIGGY-BACK FASTON	1-1377175-9	50	1,000
735278-1	.250 PIDG F.I.F. REC.	1-1377175-3	100	2,000
735279	.250 PIDG F.I.F. REC.	1-1377175-4	50	1,000
735278	.250 PIDG F.I.F. REC.	1-1377175-2	100	2,000
735160	.250 PIDG FASTON REC.	1-1377175-5	100	2,000
735159	6.3 F.I.F. REC.	1-1377175-6	50	1,000
140971-2	PIDG TAB	2-1377175-4	50	1,000
141085-2	.250 PIDG FASTON TAB	2-1377175-5	50	1,000
140896-2	.250 PIDG FASTON TAB	2-1377175-3	50	1,000
156667-1	PIDG FL. FASTON REC.	1-1377175-7	50	1,000
156666-1	PIDG FL. FASTON REC.	1-1377175-8	50	1,000
165536-2	PIDG POSITIVE LOCK ASSY.	2-1377175-7	50	1,000
165536-1	PIDG POSITIVE LOCK ASSY.	2-1377175-6	50	1,000

## Application Tooling

### Tooling for PIDG Terminals and Splices

Tool Grade	Wire Size		Description	Part Number	Instruction Sheet
	(mm <sup>2</sup> )	(AWG)			
Service	0.4-6.0	22-10	SUPER CHAMP II	169060-8	-
	0.5-6.0	21-10	Universal Service and Maintenance Tool	1-1579004-4	-
	0.5-6.0	21-10	CRIMPAC CG (incl. Die Set)	825508-5	408-2746
Commercial	0.4-6.0	22-10	PRO-CRIMPER III (incl. Die Set) Die Set for PIDG and PLASTI GRIP	58433-3* 58423-1	408-9252
	0.5-6.0	20-10	ERGOCRIMP Die Set for PIDG and PLASTI GRIP ERGOCRIMP Hand Tool Frame	539691-2 539635-1	411-18098 411-18087
	0.6-6.0	20-10	CERTI-LOK Die Set for PIDG and PLASTI GRIP CERTI-LOK Hand Tool Frame	169404 169400	408-6765 411-1115
Premium	0.15-0.40	26-22		46121 or 169485	408-1559
	0.4-1.5	22-16	Double Action Hand Tool (DAHT)	47386	408-1559
	1.5-2.5	16-14		47387	408-1559
	0.4-6.0	22-10	TETRA-CRIMP Hand Tool	59824-1	408-2823
	4.0-6.0	12-10	Heavy Head Hand Tool (HHHT)	59239-4	408-1261

\*) Not for use with PIDG FASTON receptacles; Crimp not approved by UL or CSA.

Find the latest Tooling and Equipment options for your applications at  
<http://www.tooling.tycoelectronics.com/europe/handtool.stm>