

FEATURES AND SPECIFICATIONS

Features and Benefits

- Box-type spring contact for high normal force
- Locking tang secures terminal in housing

Reference Information

Product Specification: PS-43045/PS-43650
 Packaging: Bag or reel
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R95107
 Use With: 43020 and 43640 plugs
 Designed In: Millimeters

Electrical

Voltage: 250V
 Current: 5.0A max.
 Contact Resistance: 10mΩ max.

Mechanical

Contact Insertion Force: 1.5kgf max. (3.30 lb)
 Contact Retention to Housing: 2.5kgf min. (5.50 lb)
 Crimping Pull-Out Force:

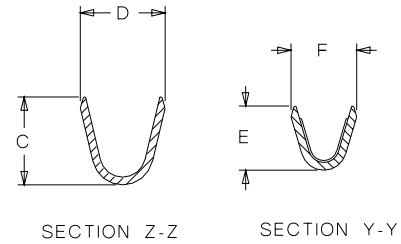
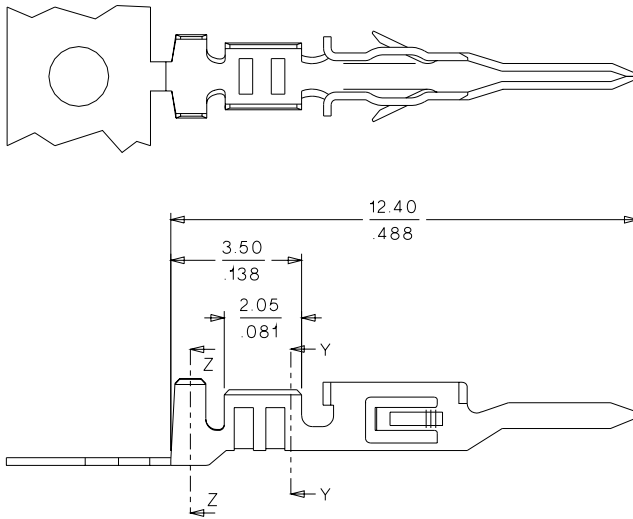
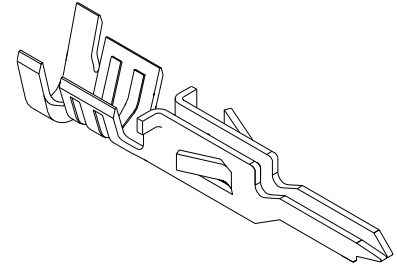
Wire Gauge	Kgf min. (lb)
20	6.0 (13.2)
22	4.5 (9.9)
24	3.6 (7.9)
26	2.7 (5.9)
28	1.8 (3.9)
30	1.4 (3.0)

Physical

Contact: Phosphor Bronze
 Plating: Tin or Gold

molex® 3.00mm (.118") Pitch Micro-Fit 3.0™ Terminal

43031 Male



ORDERING INFORMATION AND DIMENSIONS

Wire Size AWG	Plating	Order No.		Dimension			
		Reel	Bag	C	D	E	F
20-24	Tin	• 43031-0001	• 43031-0007	2.29 (.090)	2.54 (.100)	1.91 (.075)	2.08 (.082)
26-30	Tin	• 43031-0004	• 43031-0010	1.91 (.075)	2.10 (.083)	1.47 (.058)	1.65 (.065)
20-24	15µ" Gold	• 43031-0002	• 43031-0008	2.29 (.090)	2.54 (.100)	1.91 (.075)	2.08 (.082)
26-30	15µ" Gold	• 43031-0005	• 43031-0011	1.91 (.075)	2.10 (.083)	1.47 (.058)	1.65 (.065)
20-24	30µ" Gold	• 43031-0003	• 43031-0009	2.29 (.090)	2.54 (.100)	1.91 (.075)	2.08 (.082)
26-30	30µ" Gold	• 43031-0006	• 43031-0012	1.91 (.075)	2.10 (.083)	1.47 (.058)	1.65 (.065)

• US Standard Product, available through Molex franchised distributors