

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)

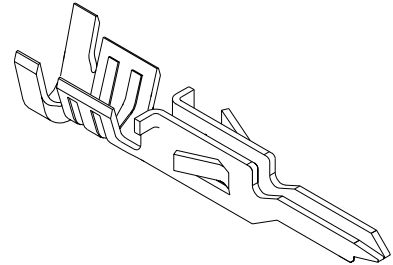
Crimping Pull-Out Force:

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)

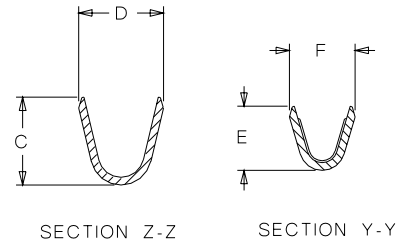
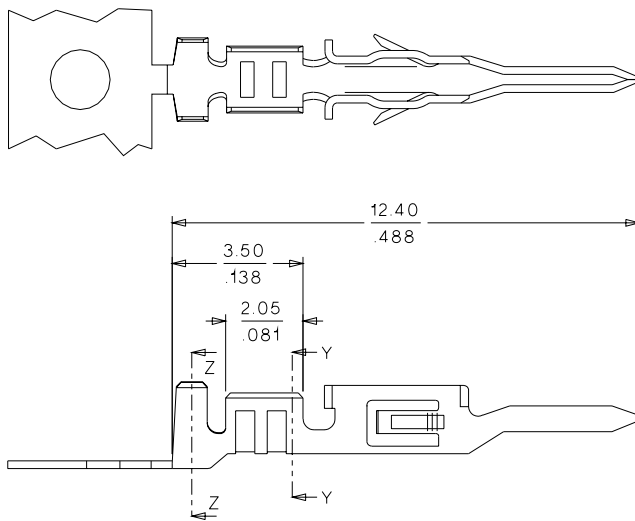
Physical

Contact: Phosphor Bronze

Plating: Tin or Gold


**3.00mm (.118") Pitch
Micro-Fit 3.0™
Terminal**
43031
Male


CATALOG DRAWING (FOR REFERENCE ONLY)



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