

# F-SPRING CONTACT FASTON TERMINAL

LOW INSERTION FORCE RECEPTACLE



F-spring contact FASTON terminal meets the highest quality and safety requirements for several applications in a wide variety of industries and markets.

## GENERAL CHARACTERISTICS

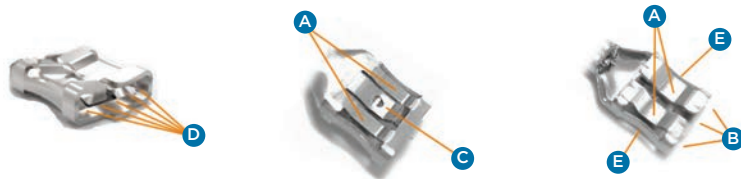
- For 6.35 x 0.8 mm tabs
- Low insertion force (1st insertion 35N max)
- Crimp technology
  - “F” crimp for straight versions
  - “C” crimp for flag versions
- Steel nickel plated material
- Leaf-spring design
- Easy handling, robust design
- Product specification 108-64027
- Application specification 114-64027

## APPLICATIONS

- High temperature applications
- Small appliances
- Electric motors
- Power tools & supplies
- Laundry & refrigeration
- Lift equipment and elevators
- Lighting
- Air conditioning

## MAIN FEATURES

- Minimum profile
- Profiled edge contact is eliminated
- Lower mating force





- A** Leaf-spring rolls
- B** Milled surface against tab
- C** Locking dimple on cantilevered surface
- D** Flared lead-in
- E** Tab guidance features

## ADVANTAGES

- High normal forces in the contact areas
- Very good wiping action during contact engagement
- Mechanically stable contacts in the mated position
- Long-life of interconnections
- Designed for ruggedness and durability
- Suitable for automation process
- Easy to insert, especially when the mating tabs are located in difficult to reach areas.

## PRODUCT OFFERING

Versions	TE P/N	Wire Range AWG / mm <sup>2</sup>	Insulation Dia. Range mm	OCEAN Applicator P/N
 Straight receptacle	2178438-1	24-20 / 0.2-0.5	1.4 - 2.1	2150337-1
	2178299-1	20-18 / 0.5-1.0	1.8-2.5	2150340-1
	2178300-1	18-14 / 1.0-2.5	3.0-4.3	2150339-1
	2178301-1	12-10 / 3.3-5.3	3.6-5.0	2150338-1
 Flag receptacle	2178423-1	20-16 / 0.5-1.5	1.9-3.3	2150335-2
	2178439-1	16-12 / 1.5-3.3	2.7-3.8	2150336-2

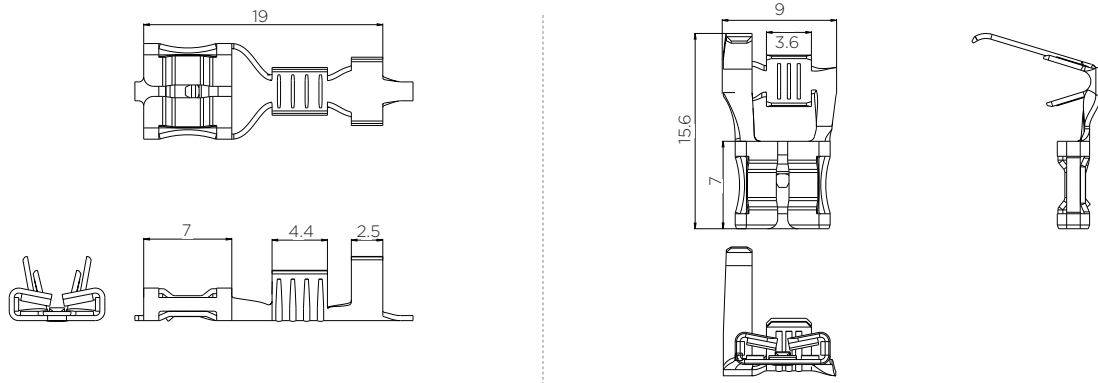
\*RoHS Ready

## DRAWING

Straight version

Dimensions [mm]  
for ref only

Flag version



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