



# 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

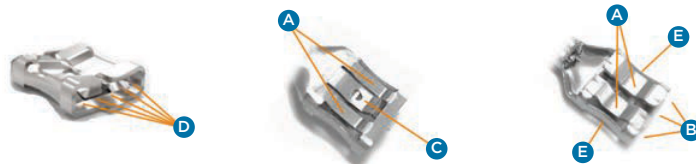
- For 6.35 x 0.8 mm tabs
- Low insertion force (1st insertion 35N max)
- Crimp technology  
“F” crimp for straight versions  
“C” crimp for flag versions
- Steel nickel plated material
- Leaf-spring design
- Easy handling, robust design
- Product specification: [108-64027](#)
- Application specification: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

### 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

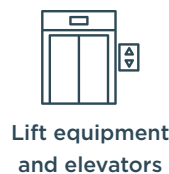
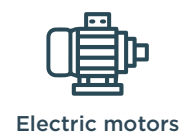
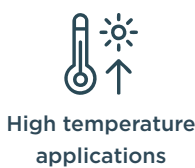
### MAIN FEATURES

- 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

### APPLICATIONS

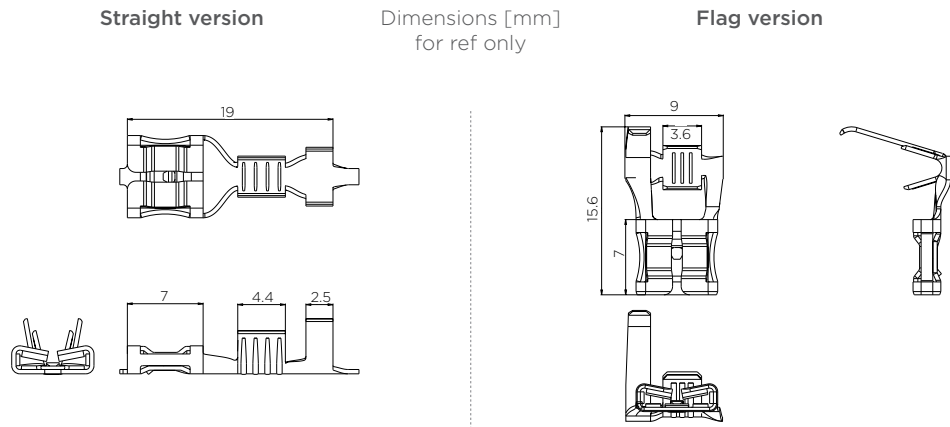


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## PRODUCT OFFERING

| Versions  | TE P/N                    | Wire Range<br>AWG / mm2 | Insulation Dia. Range<br>mm | OCEAN Applicator<br>P/N   |
|---|---------------------------|-------------------------|-----------------------------|---------------------------|
| <br>Straight<br>receptacle | <a href="#">2178438-1</a> | 24-20 / 0.2-0.5         | 1.4 - 2.1                   | <a href="#">2150337-1</a> |
|   | <a href="#">2178299-1</a> | 20-18 / 0.5-1.0         | 1.8-2.5                     | <a href="#">2150340-1</a> |
|   | <a href="#">2178300-1</a> | 18-14 / 1.0-2.5         | 3.0-4.3                     | <a href="#">2150339-1</a> |
|   | <a href="#">2178301-1</a> | 12-10 / 3.3-5.3         | 3.6-5.0                     | <a href="#">2150388-1</a> |
| <br>Flag<br>receptacle     | <a href="#">2178423-1</a> | 20-16 / 0.5-1.5         | 1.9-3.3                     | 2150335-2                 |
|   | <a href="#">2178439-1</a> | 16-12 / 1.5-3.3         | 2.7-3.8                     | <a href="#">2150336-2</a> |

## DRAWING



## TE TECHNICAL SUPPORT CENTER

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Published 08-25