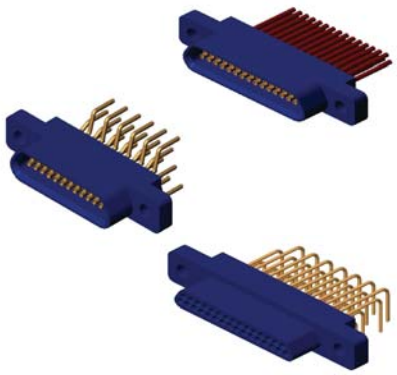
MIL-DTL-83513 Micro-D Connectors

R04 Series Plastic Connectors



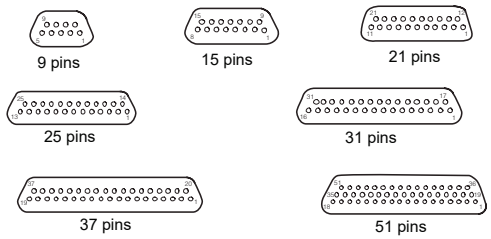
Brief Introduction

- Micro-D Connectors
- Twist Pin Contacts, High Density
- PPS Insulator/Shell
  PPS-15% Glass Filled Polyphenylene Sulfide
- Contacts: BeCu, Gold Plating, Gold Thickness: 1.27μm
- Termination Type:
  Crimp, Solder Cup, Straight to PCB, Right Angle to PCB
- The Sectional Area of Cable: 0.1mm^2~0.15mm^2, 0.07mm^2
- Meets MIL-DTL-83513

Specifications

■Environment Temperature:	-55℃~+125℃
■Vibration:	10Hz~2000Hz,196m/s^2
■Random Vibration:	Power spectrum density 0.4G^2/Hz root mean square value of total acceleration 23.1G
■Shock:	735m/s^2 11ms
■Rated Current:	3A
■Contact Resistance:	≤10mΩ
■Insulation Resistance:	≥5000MΩ
■Dielectric Strength:	800V
■Durability:	500 times

Contact Arrangements



Face View Plug Connector

How To Order

Sample Part Number	R04	-25	PI	J	K01

Series:
R04—Micro-D Plastic Connectors for MIL-DTL-83513

Contact Number:
9, 15, 21, 25, 31, 37, 51pins

Contact Type:
PI—Pin in Plug RH—Socket in Receptacle

Tail Termination Type:
No Code—Crimp
J—Solder Cup
S—Straight to PCB, The Column Spacing of Tail is 2.54mm
S1—Straight to PCB, PCB Layout is 2.54*2.54mm
F—Right Angle to PCB, PCB Layout is 2.54*2.54mm

Accessories Type:
K01—Accessories Type (See page 7)

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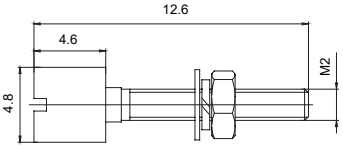
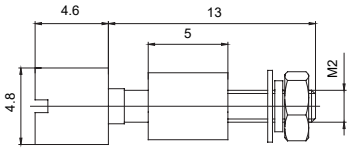
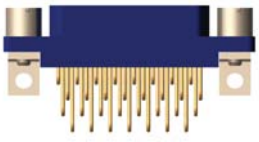
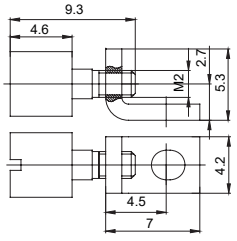
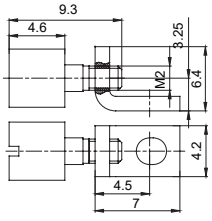
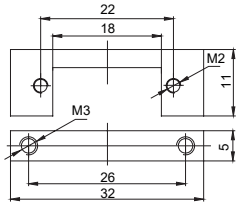
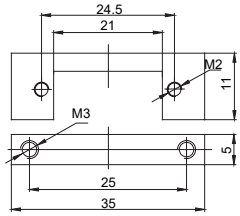
R04 Series Accessories

Type	Before Assembling	Assembly Picture	Outline Dimensions	Feature and Matching Accessories
K01			Standard Accessory	1. Screw Post Size:M2*6 2. Matching Accessories: K02, K03
K02				1. Just suitable for front panel mounting 2. Matching Accessories : K01
K03				1. Suitable for straight to PCB connectors, PCB thickness not over 2.5mm. 2. Matching Accessories: K01
K04				1. Suitable for R04-9, 15, 21, 25, 31,37PIF/PIFJ/RHF/RHFJ 2. Matching Accessories: K01
K05				1. Suitable for R04-51PIF/PIFJ/ RHF/ RHFJ 2. Matching Accessories: K01
K06				1. Suitable for R04-9, 15, 21 25, 31, 37PIF/PIFJ/RHF/RHFJ 2. K06 includes K01 locking screw
K07				1. Suitable for R04-51PIF/PIF-J/ RHF/ RHF-J 2. K07 includes K01 locking screw

Remark: All dimensions are in mm.