

# RF CONNECTORS

BNC / MINI UHF / SMA / SMB / MCX / MMCX / 1.6-5.6



## SPECIFICATIONS

### Material:

**Insulator:** PBT, glass reinforced thermoplastic, rated UL 94V-0  
**Contacts:** Phosphor Bronze

### Plating:

5 µin gold over 50 µin nickel underplate on contact area and 100 µin tin-lead on solder-tails

### Electrical:

**Operation voltage:** 500 VAC max  
**Current rating:** 51 Amp max  
**Contact resistance:** 20 mΩ max  
**Insulation resistance:** 1000 MΩ min @ 1000 VDC between adjacent contacts (75°F and 50% R.H.)  
**Dielectric withstanding voltage:** 1000 VDC min rms (sea level)



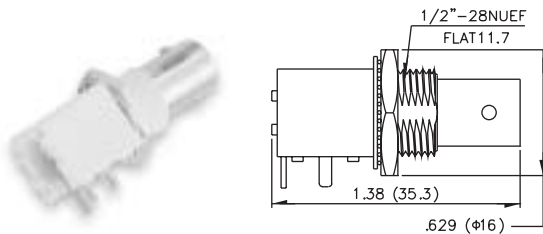
## ORDERING INFORMATION

choose one from each category as shown in sample below

| RF                 | B  | 01         | D  | 00   | 50                                 |
|--------------------|--|------------|--|--|------------------------------------|
| Series             | Type   | Type       | Insulator Material   | Termination  | Impedance                          |
| RF - RF Connectors | <b>B</b> - BNC<br><b>T</b> - TNC<br><b>FM</b> - FME<br><b>SA</b> - SMA<br><b>SB</b> - SMB<br><b>N</b> - N<br><b>P</b> - PAL<br><b>U</b> - UHF<br><b>MU</b> - Mini UHF<br><b>TC</b> - 1.6/5.6 | 01 thru 22 | <b>T</b> - Teflon<br><b>D</b> - Delrin<br><b>P</b> - Polypropylene | <b>00</b> - PCB Mount<br><b>01</b> - RG55U/58/58A/58C/140U<br>141/141A/142U<br><b>02</b> - RG174U/188A/316U<br><b>03</b> - RG179U/187U<br><b>04</b> - RG59/59A/59B/62/62UA<br>62B/62C/210<br><b>05</b> - RG6U<br><b>06</b> - RG213U<br><b>07</b> - .141 Semi-Rigid<br><b>08</b> - .085/.086 Semi-Rigid | <b>50</b> - 50Ω<br><b>75</b> - 75Ω |

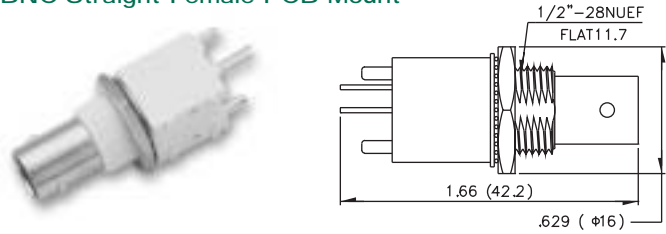
### RF - B - 01 TYPE 01

BNC Right Angle Female PCB Mount



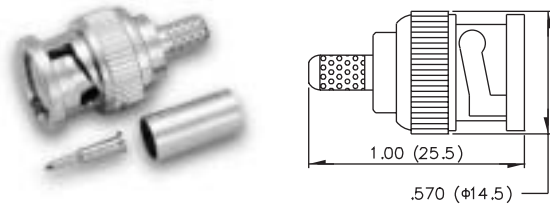
### RF - B - 02 TYPE 02

BNC Straight Female PCB Mount



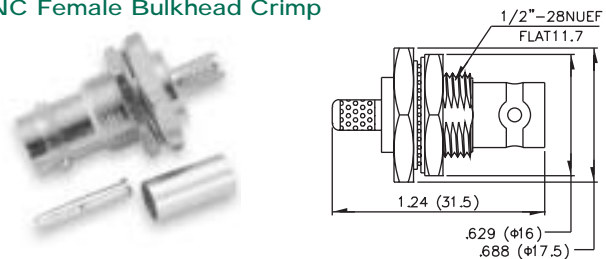
### RF - B - 03 TYPE 03

BNC Male Crimp



### RF - B - 04 TYPE 04

BNC Female Bulkhead Crimp



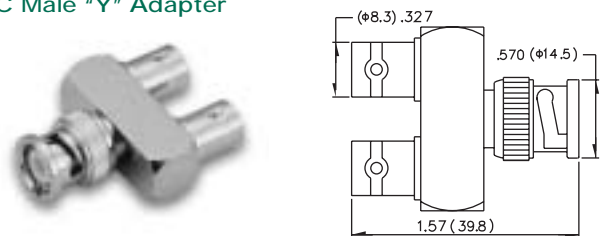
### RF - B - 05 TYPE 05

BNC Male to BNC Double Female



### RF - B - 06 TYPE 06

BNC Male "Y" Adapter

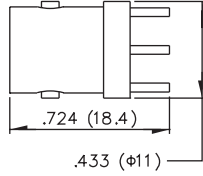


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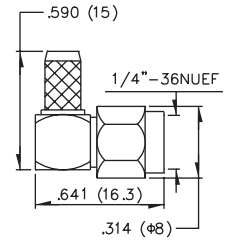
## RF - B - 07 TYPE 07

BNC Female PC Board Mount



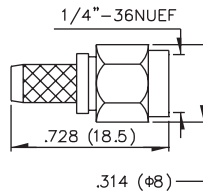
## RF - SA - 01 TYPE 01

SMA Right Angle Male Crimp Type



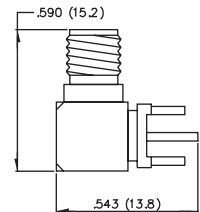
## RF - SA - 02 TYPE 02

SMA Male Crimp Type



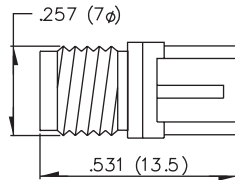
## RF - SA - 03 TYPE 03

SMA Right Angle Female PC Board Mount



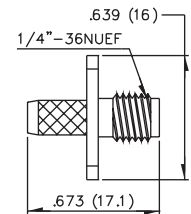
## RF - SA - 04 TYPE 04

SMA Female PC Board Mount



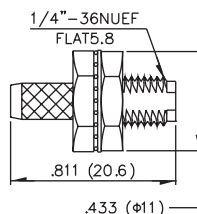
## RF - SA - 05 TYPE 05

SMA Female Chassis Crimp



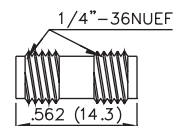
## RF - SA - 06 TYPE 06

SMA Female Bulkhead Crimp



## RF - SA - 07 TYPE 07

SMA Double Female



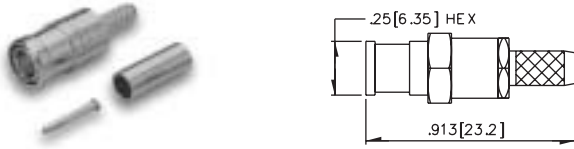
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## RF - SB - 01 TYPE 01

SMB Male Crimp



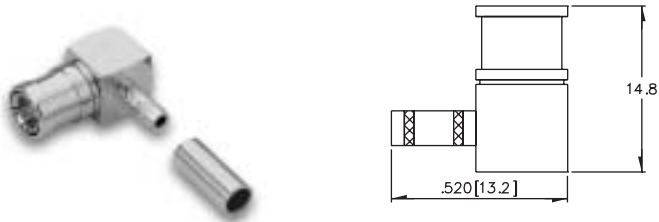
## RF - SB - 02 TYPE 02

SMB Female Crimp



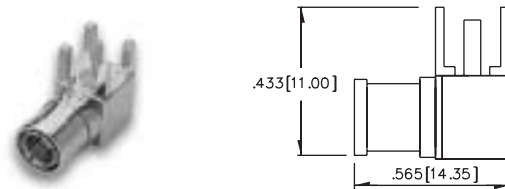
## RF - SB - 03 TYPE 03

SMB Male Right Angle Crimp



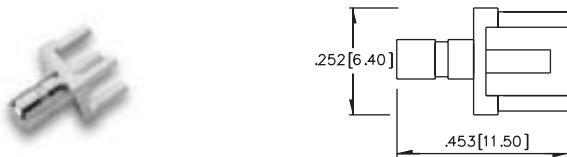
## RF - SB - 04 TYPE 04

SMB Right Angle Male PCB Mount



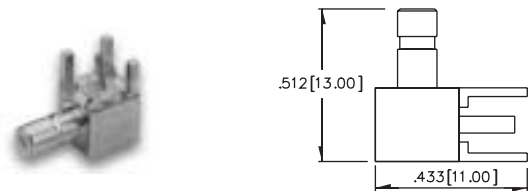
## RF - SB - 05 TYPE 05

SMB Female PCB Mount

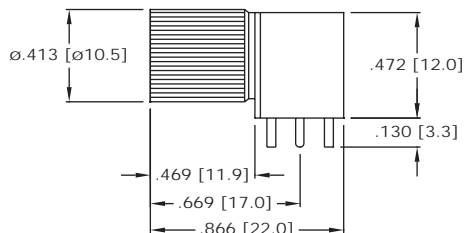


## RF - SB - 06 TYPE 06

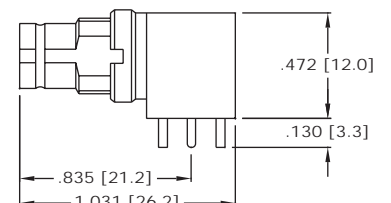
SMB Right Angle Female PCB Mount



## 1.6 / 5.6 MALE RIGHT ANGLE TYPE 01



## 1.6 / 5.6 FEMALE RIGHT ANGLE TYPE 02

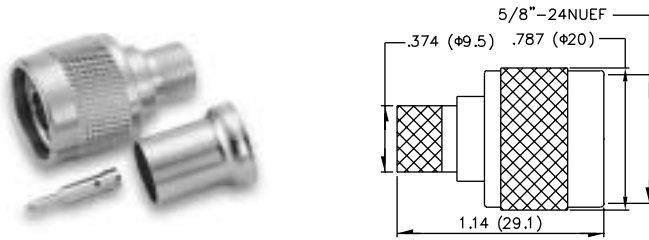


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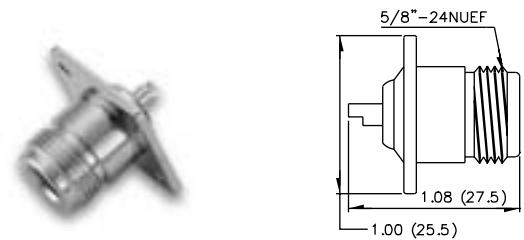
## RF - N - 01 TYPE 01

N Male Crimp Type



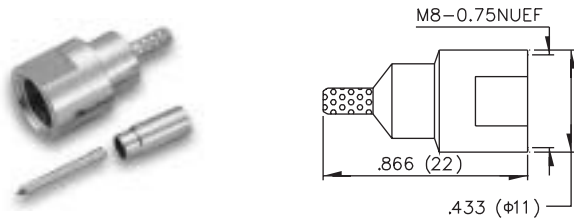
## RF - N - 02 TYPE 02

N Female Panel Receptacle



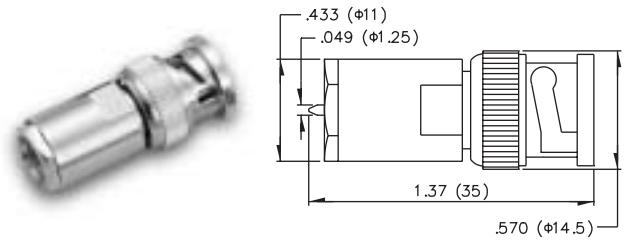
## RF - FM - 01 TYPE 01

FME Male Crimp



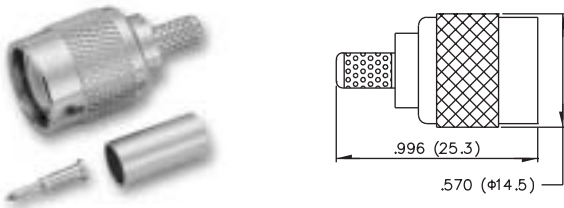
## RF - FM - 02 TYPE 02

FME Male To BNC Male



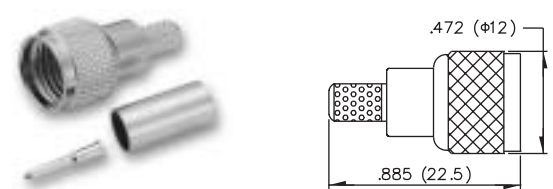
## RF - T - 01 TYPE 01

TNC Male Crimp



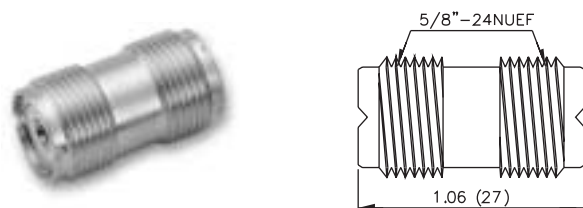
## RF - MU - 01 TYPE 01

MINI UHF Male Crimp Type



## RF - U - 01 TYPE 01

UHF Double Female



## RF - P - 01 TYPE 01

PAL Male (Metal TV Plug)

