



MINI  
UHF

**Mini UHF** Connectors of 50 Ohms impedance rating are intended for applications upto 2.5 GHz.

The Sricom Range of Mini-UHF connectors combining excellent electrical characteristics, small size and light weight.

Sricom Mini-UHF connectors are relatively inexpensive and the Crimp type cable termination provides a low installation cost and it can be used to provide inexpensive inter connections for low cost local area networks.

**TECHNICAL SPECIFICATIONS**

ELECTRICAL	
Impedance	50 Ohms
Frequency Range	0 – 2.5 GHz
Voltage Rating	335 Volts RMS at sea level
Insulation Resistance	5000 Meg. Ohms
Dielectric Withstanding Voltage	1000 Volts RMS at Sea level
VSWR	1.25 Max. 0 - 2.5 GHz.

MATERIAL	
Body & Body components	Extruded Brass
Centre Contact Male	Extruded Brass
Centre Contact Female	Beryllium Copper
Dielectric	PTFE
Clamp Gasket	Silicone Rubber
Crimp Ferrule	Copper

ENVIRONMENTAL	
Temp. Range	-55°C to + 85°C JSS 50101
Shock	JSS 50101 – Test No. 12 MIL Std - 202 Method 202
Vibration	JSS 50101 – Test No. 23 MIL Std - 202 Method 204
Temp. Cycling	JSS 50101 – Test No. 20 MIL Std – 202 Method 102 (Test Cond. D)

MECHANICAL	
Cable Connectors:	
Mating	1/8 - 24 Threaded coupling

FINISH	
Body	Silver / Nickel
Centre Contact	Silver Plated

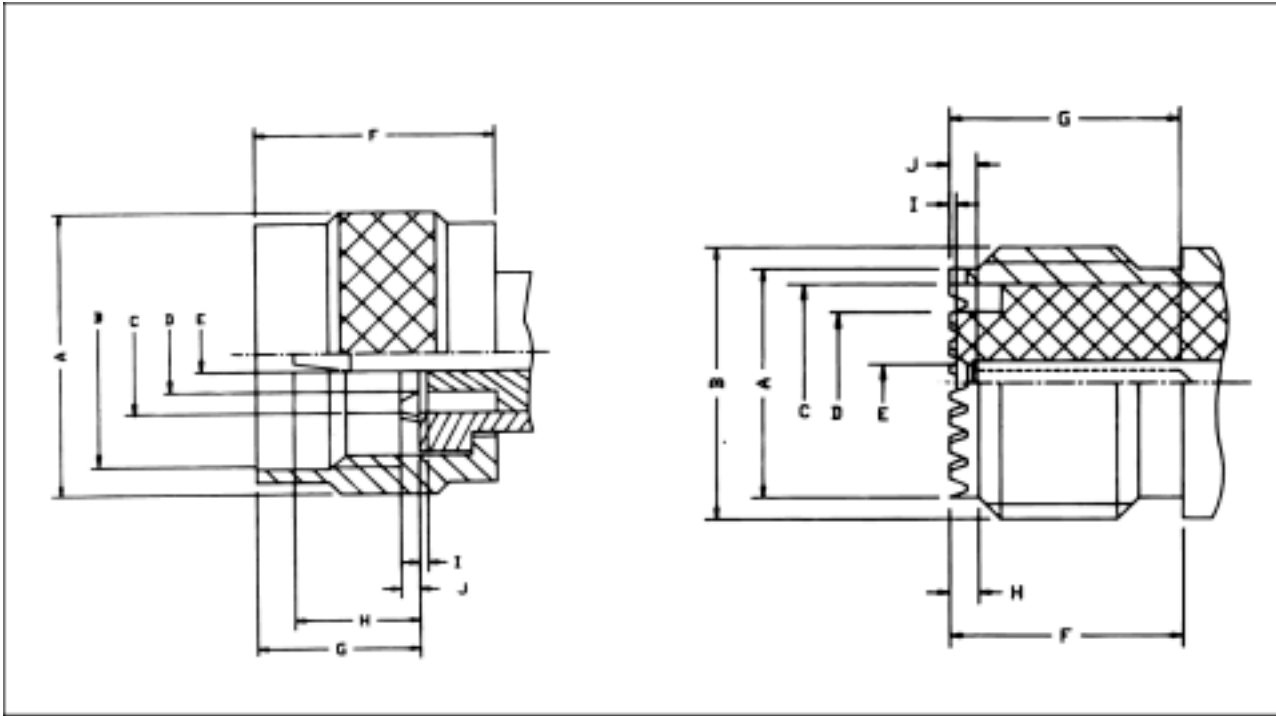


# Interface Dimensions – Mini UHF Ohms Series

MINI  
UHF

PLUG

JACK



LTR (dim. of)	PLUG		JACK	
	MIN	MAX	MIN	MAX
A	-	12.00	7.90	8.10
B	3/8"-24 UNF - 2B		3/8" - 24 UNF - 2A	
C	5.50 nom.		7.00 nom.	
D	4.00 nom.		4.70 nom.	
E	1.45	1.55	1.70	-
F	-	10.00	8.00	-
G	-	8.00	7.30	-
H	6.00	7.30	1.00	-
I	-	0.70	-	0.50
J	-	1.00	-	2.00

ALL DIMENSIONS ARE IN MM



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SEARCH

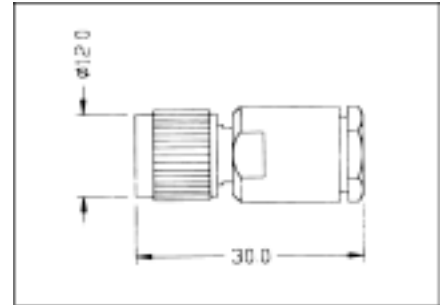
PREVIOUS

NEXT

Straight Plug  
Clamp Type

Order Code	Mounting Details
SC5-M01-M	55, 58, 141, 142, 223, 303, 400

For Cable Assembly refer G-01

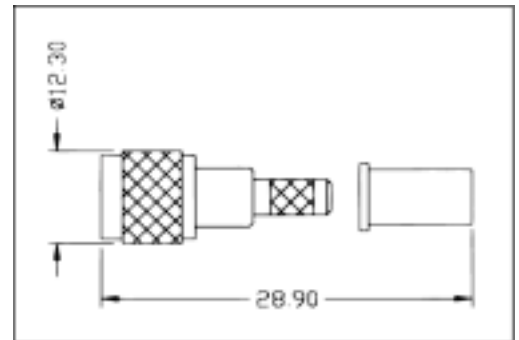


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Straight Plug  
Crimp Type

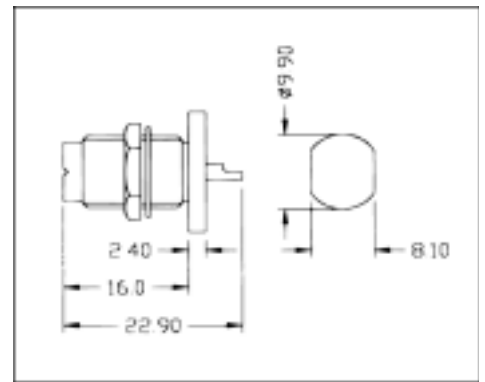
Order Code	Mounting Details
SC5-M03-M	55, 58, 141, 142, 223, 303, 400

For Cable Assembly refer G-02



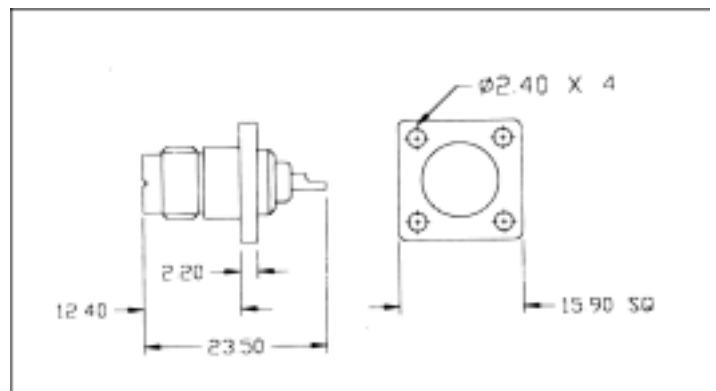
Bulk Head  
Receptacle

Order Code
SC5-F01-M



Panel Receptacle

Order Code
SC5-F02-M





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SEARCH

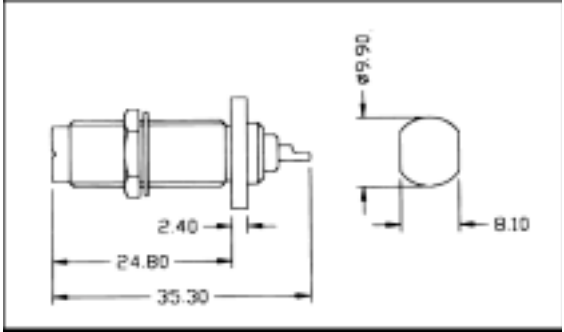
PREVIOUS

NEXT

MINI  
UHF

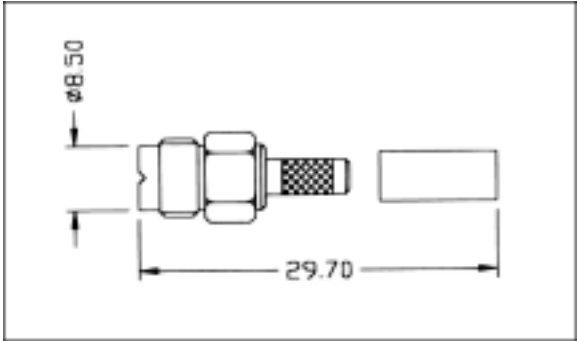
Bulk Head Receptacle

Order Code
SC5-F-03-M

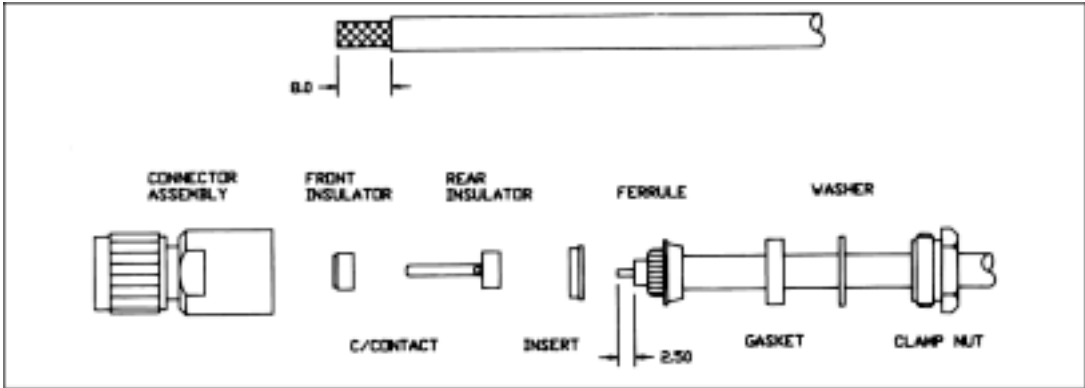


Straight Plug Crimp Type

Order Code	Mounting Details
SC5-SR-03M	55, 58, 141, 142, 223

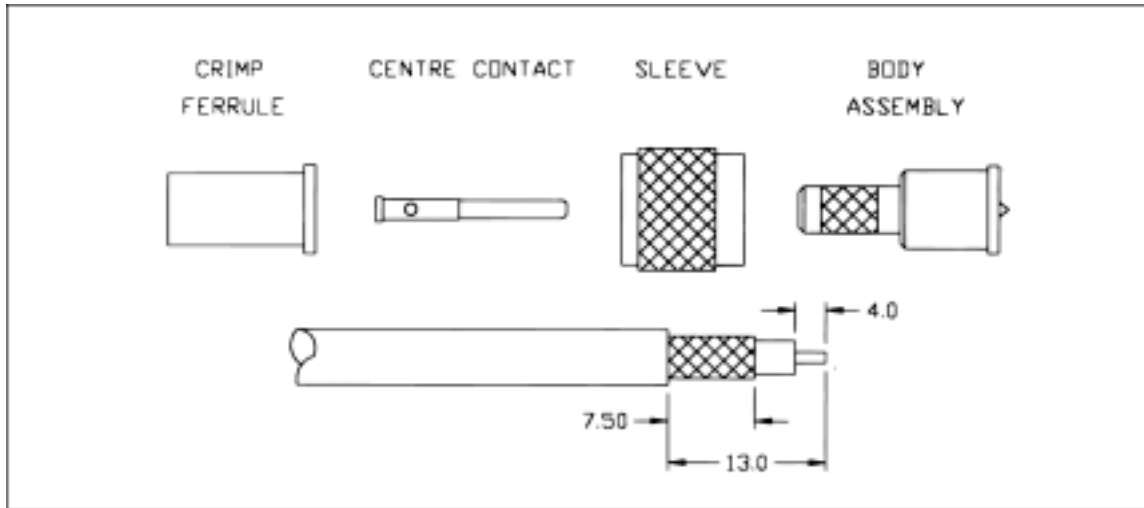


For Cable Assembly refer G-03



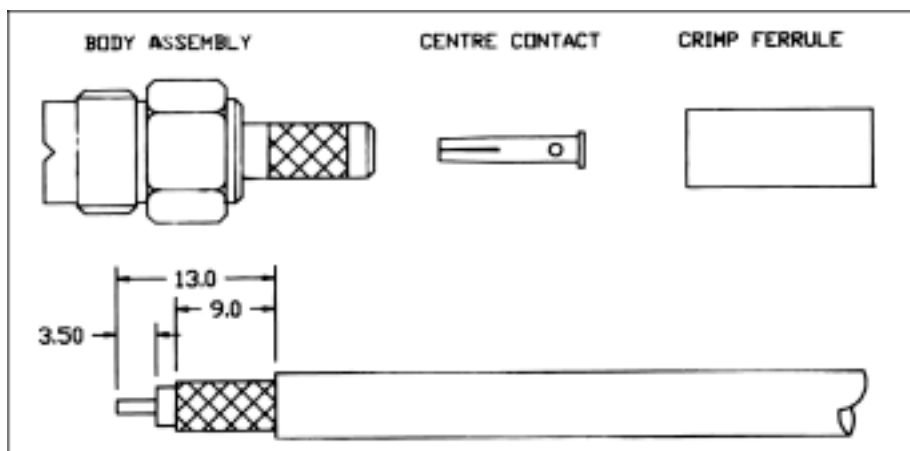
G 01

1. Insert Clamp Nut, Flat Washer and 'V' groove gasket over cable.
2. Trim the Cable as per dimensions show in Figure and insert Clamp over braid so that the inner collar butts against the outer sheath of cable.
3. Comb out the braid and fold them over ferrule as shown in the Figure and trim the excess braid.
4. Insert the Clamp bush over the dielectric.
5. Fit the rear insulator over the rear end of centre contact and insert the centre conductor of cable into the centre contact. Solder the centre contact firmly to the cable.
6. Slide the insulator, 'V' groove gasket and washer inside the body of the connector. Tighten the entire assembly with the clamp nut till the 'V' groove gasket shears and grips the cable firmly.



G 02

1. Insert the crimp ferrule, heat shrinkable tube and sleeve over the cable. Strip the cable as per dimension shown in the figure.
2. Fit the centre contact over the centre conductor and solder the centre contact firmly to the cable.
3. Insert the sub-assembly into the connector body and slide the ferrule until it butts against the body and crimp the ferrule.
4. Shrink the heat shrinkable tube over the ferrule.



G 03

1. Insert heat shrinkable tube and ferrule into the cable.
2. Strip the cable as per dimensions shown in figure.
3. Fit the centre contact over the lead of the cable and solder the centre contact firmly to the cable.
4. Insert the sub-assembly into the body and slide the ferrule until it butts against the body and crimp the ferrule.
5. Shrink the heat shrinkable tube over the ferrule.