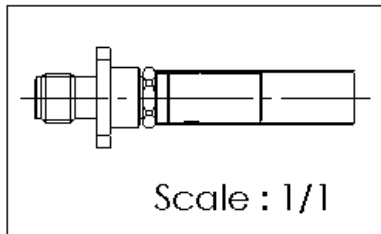
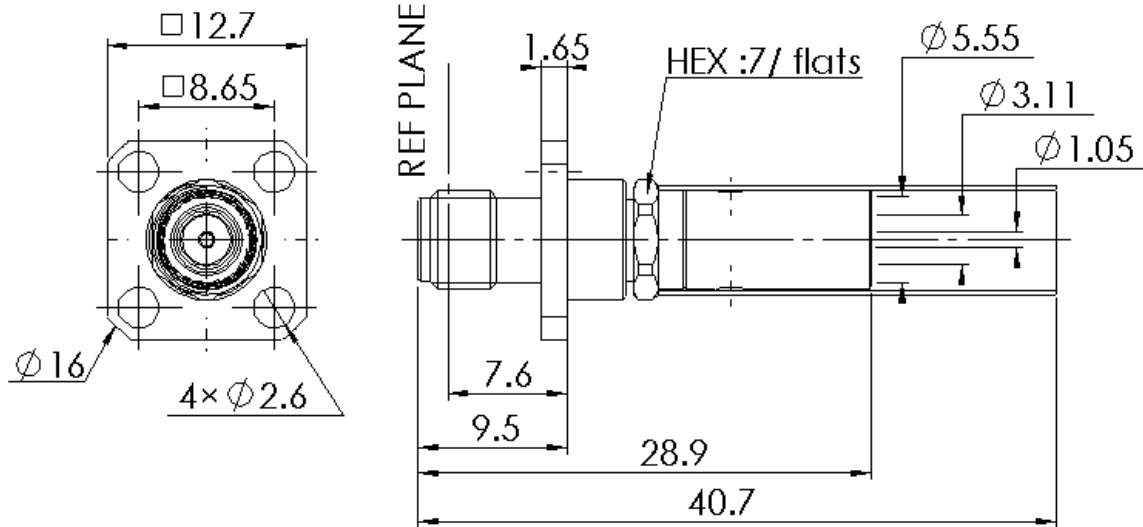


STRAIGHT BULKHEAD JACK
CRIMP AND SOLDER TYPE - CABLE 5/50 D

R125.278.000

Series : SMA

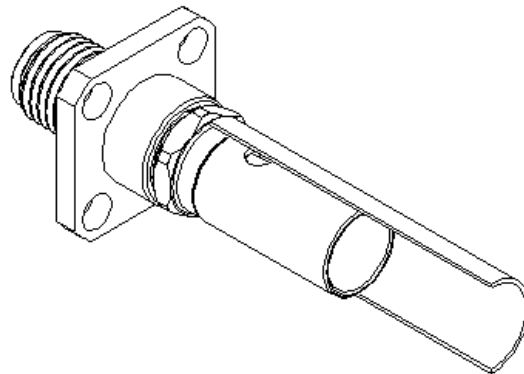


Scale : 1/1

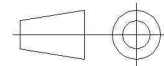
PANEL CUT OUT

A DIA
 B DIA
 4 holes

	mm	
	Maxi	mini
A	6.6	6.5
B	2.7	2.6
C	8.69	8.59



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 1342 J

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



STRAIGHT BULKHEAD JACK**R125.278.000****CRIMP AND SOLDER TYPE - CABLE 5/50 D****Series : SMA****PACKAGING**

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	1.15 + 0,0100	x F(GHz) Maxi
Insertion loss	0.06	\sqrt{F} (GHz) dB Maxi
RF leakage	- (60)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	1000	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	27	N mini
Axial force – Opposite end	NA	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	100	N.cm
A/F clamp nut	7,0000	mm

Mating life	500	Cycles mini
Weight	5,8000	g

ENVIRONMENTAL

Operating temperature	-65/+165	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,85	7,00	18,0	0,00	15,1	0,00

Assembly instruction :

Recommended cable(s)
 KX 23
 RG 142 FTX
 RG 142
 RG 400
 RG 223

Cable retention

- pull off	204	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282223000	CRIMPING TOOL	5.40
R282293000	CRIMPING TOOL M22520/5-01	-
R282235011	CRIMPING DIES M22520/5-11	5.40

OTHERS CHARACTERISTICS

-

Issue : 1342 J

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**RADIALL®**

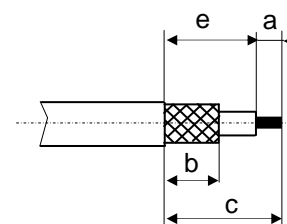
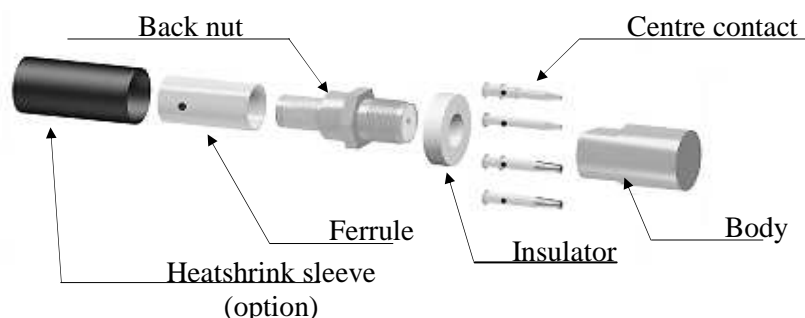
STRAIGHT BULKHEAD JACK

CRIMP AND SOLDER TYPE - CABLE 5/50 D

R125.278.000

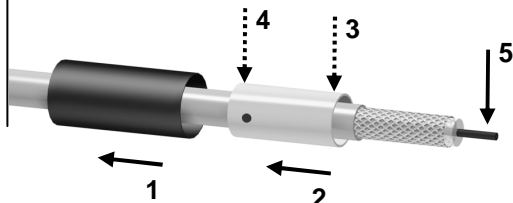
Series : SMA

COMPONENTS



1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Position the ferrule's hole at the front if soldering.
Position the ferrule's hole at the back if crimping.
Strip the cable.



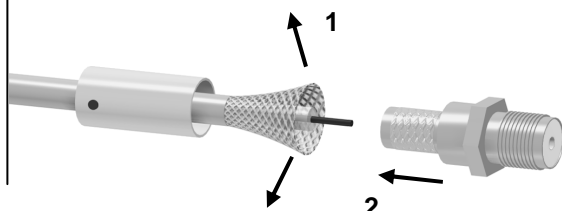
4

Slide the centre contact on until it bottoms against the insulator back nut.
Solder or crimp the contact (see connector TDS).



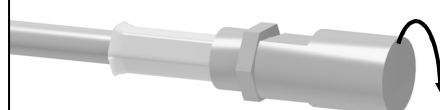
2

Fan the braid.
Slide the cable into the back nut.



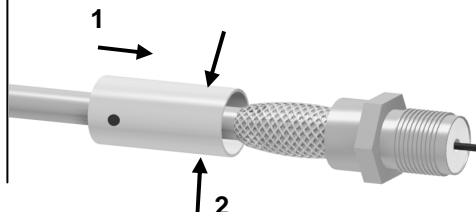
5

Screw the back nut into the connector body with the adapted wrench.
Recommended coupling torque (see connector TDS)



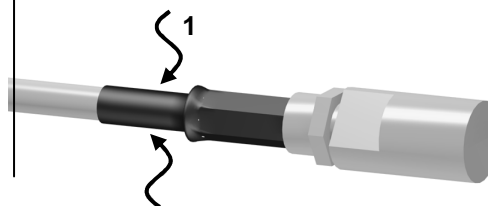
3

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).



6

Slide the sleeve over the ferrule and heatshrink it in place (option).



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