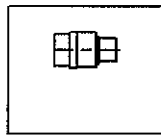
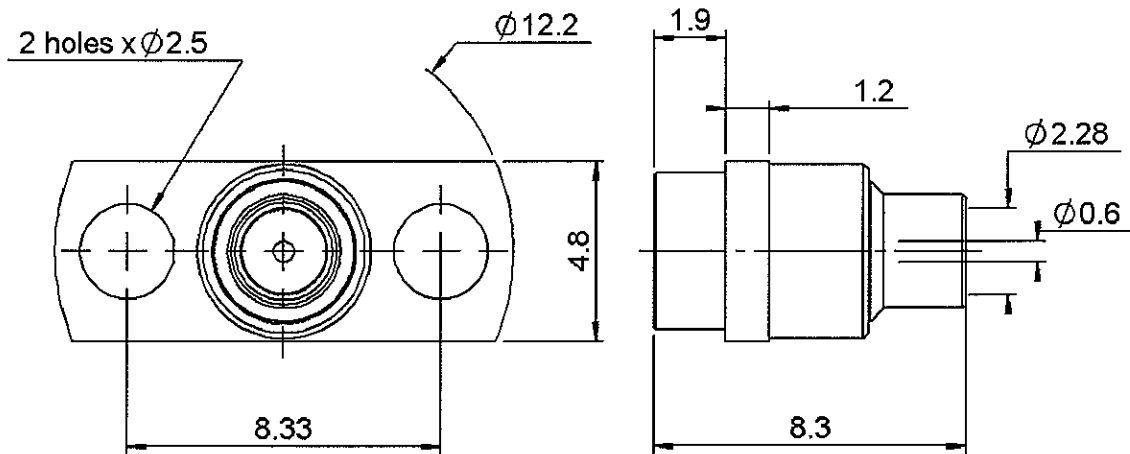


TWO HOLE FLANGE MALE JACK
FULL DETENT SOLDER TYPE CABLE .085

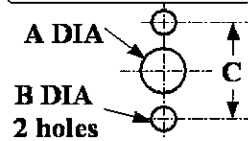
R222.252.022

Series : SMP

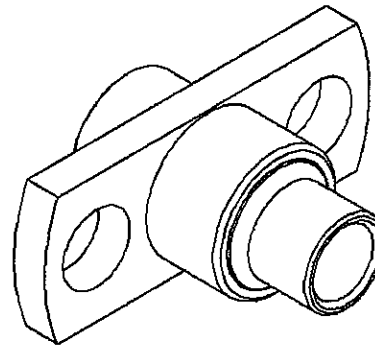


Scale : 1/1

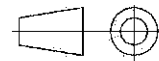
PANEL CUT OUT



	mm	
	Maxi	mini
A	4.8	4.7
B	2.5	2.6
C	8.28	8.38



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL + BRASS	PASSIVATED + GOLD1.3 OVER NICKEL2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.27 OVER NICKEL 1.27
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0602 B

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RADIALL®

TWO HOLE FLANGE MALE JACK
FULL DETENT SOLDER TYPE CABLE .085

R222.252.022

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-40	GHz
VSWR	1.50 + 0,0000	x F(GHz) Maxi
Insertion loss	.12	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (*)	- F(GHz)) dB Maxi
Voltage rating	335	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	NA 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	NA N.cm
A/F clamp nut	0,0000 mm

Mating life	100 Cycles mini
Weight	0,8020 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	1,30	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
 RG 405
 KS 1

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	200 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.051.000	STRIPPING TOOL	
R282.062.010	POINTER GAUGE	
R282.740.030	SOLDERING MOUNTING	
R282.743.100	POSITIONER FOR SOLDERING SMP	
R282.744.254	POSITIONER FOR SOLDERING SMP	
R282.862.120	SOLDER GAUGE THCK 1.83	

OTHERS CHARACTERISTICS

*RF leakage -80dB DC-3 GHz
 -65dB 3-26.5 GHz
 Compliant with MIL-STD-348

Issue : 0602 B

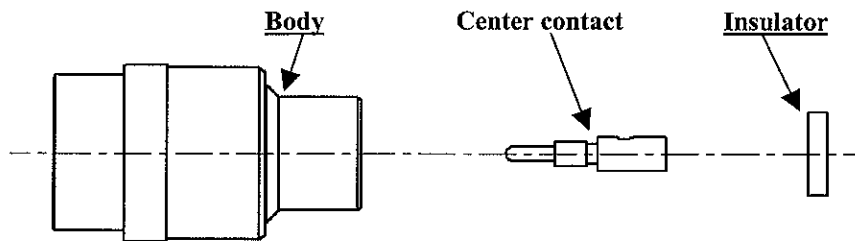
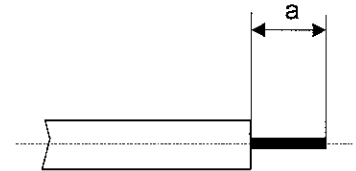
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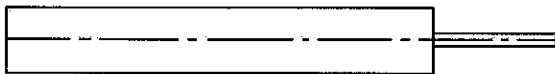
Series : SMP

COMPONENTS**STRIPPING CABLES**

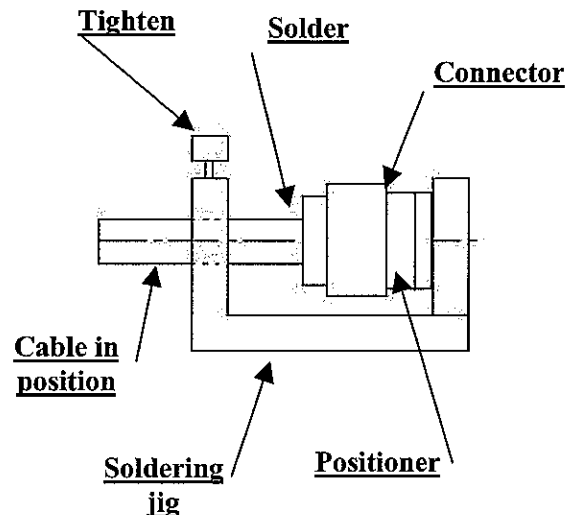
We recommend a thermal preconditioning cable

1

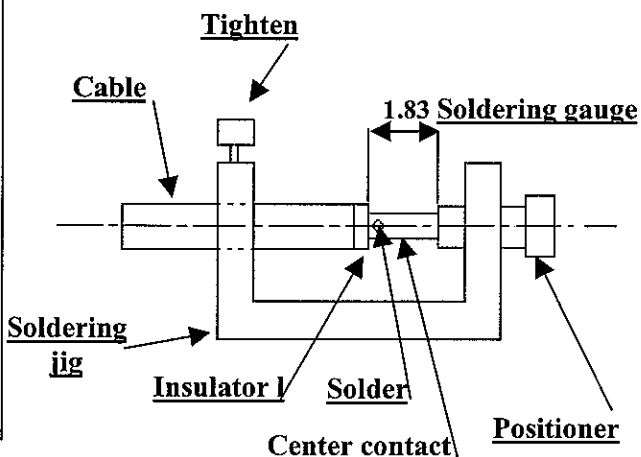
Strip the dielectric of the cable .
 Clean the cable .
 Soldering 180°C
 Temperature stoking do not exceed 250°C

**3**

After cooling remove cable assembly from the jig.
 Insert cable+centre contact in the connector.
 Slide the positioner in the connector interface.
 Slide cable into the connector body until it bottoms against.
 Slide positioner into the assembly.
 Tighten.
 Solder the body onto the cable.
 After cooling remove cable assembly from the jig.

**2**

Screw the positioner onto the soldering jig.
 Slide the center contact onto the cable inner conductor against insulator.
 Fit the cable assembly onto the soldering jig.
 Insert the soldering gauge
 Tighten.
 Take off the soldering gauge.
 and solder the contact.



Issue : 0602 B

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