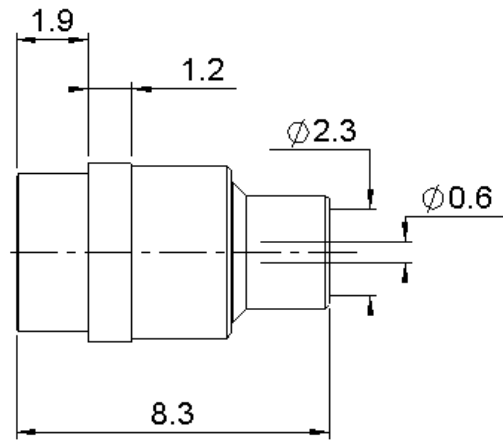
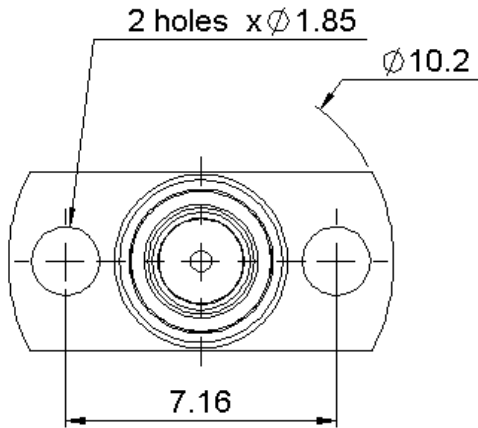


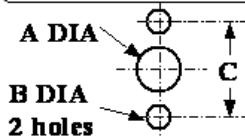
TWO HOLE FLANGE MALE JACK
LIMITED DETENT SOLDER TYPE CABLE .085

R222.252.301

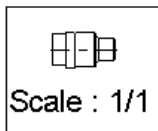
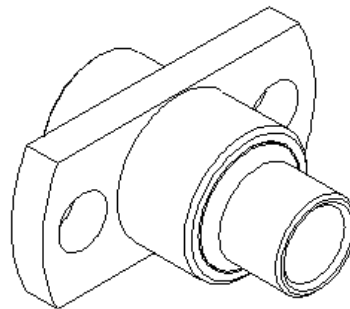
Series : SMP



PANEL CUT OUT



	mm	
	Maxi	mini
A	4.8	4.7
B	1.9	1.8
C	7.2	7.1



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 : 0529 C

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



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

R222.252.301

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

CABLE ASSEMBLY

ELECTRICAL CHARACTERISTICS

Stripping	a	b	c	d	e	f
mm	1.30	0.00	0.00	0.00	0.00	0.00

Impedance		50	Ω
Frequency		0-40	GHz
VSWR	1.50 +	0.000	x F(GHz) Maxi
Insertion loss		0.12	\sqrt{F} (GHz) dB Maxi
RF leakage	- (*	- F(GHz)) dB mini
Voltage rating		335	Veff Maxi
Dielectric withstanding voltage		500	Veff mini
Insulation resistance		5000	M Ω mini

Assembly instruction :

Recommended cable(s)
 RG 405
 KS 1

Cable retention

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

MECHANICAL CHARACTERISTICS

TOOLING

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		0.000	mm
Mating life		500	Cycles mini
Weight		0.753	g

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	

ENVIRONMENTAL

Operating temperature		-65/+165	$^{\circ}$ C
Hermetic seal		NA	Atm.cm3/s
Panel leakage		NA	

OTHERS CHARACTERISTICS

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

Issue : 0529 C

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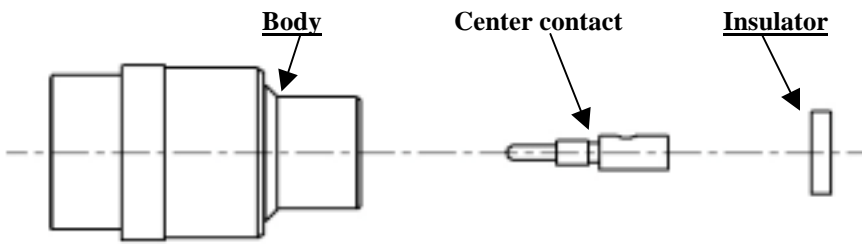


TWO HOLE FLANGE MALE JACK
LIMITED DETENT SOLDER TYPE CABLE .085

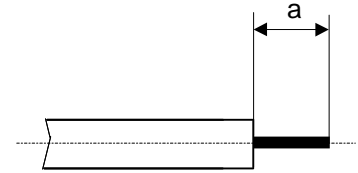
R222.252.301

Series : SMP

COMPONENTS



STRIPPING CABLES



We recommend a thermal preconditioning cable

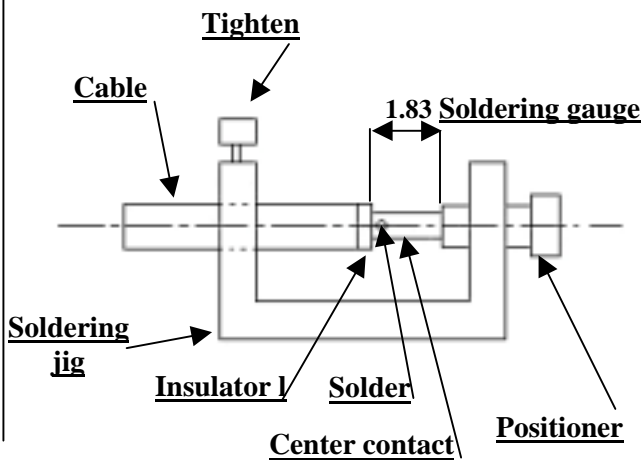
1

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



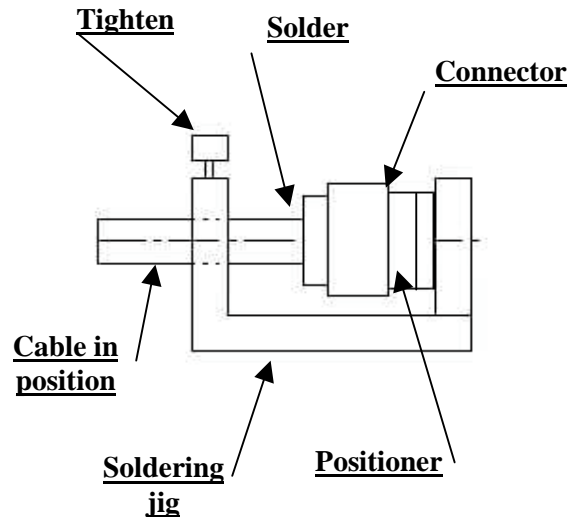
2

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.



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.



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