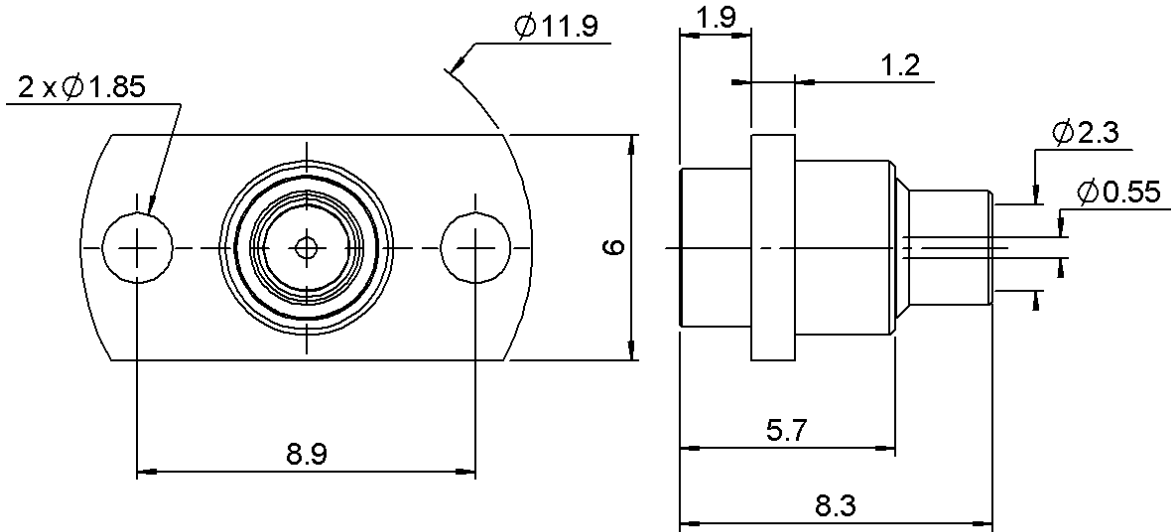


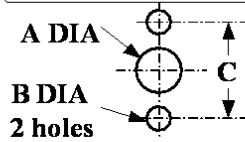
TWO HOLE FLANGE MALE JACK
LIMITED DETENT SOLDER TYPE CABLE .085

R222.252.332

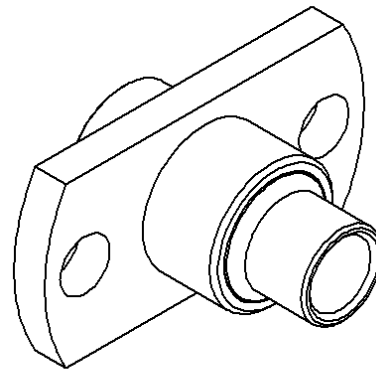
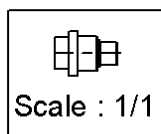
Series : SMP



PANEL CUT OUT



	mm	
	Maxi	mini
A	4.8	4.7
B	1.95	1.85
C	8.89	8.99



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (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 B

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

R222.252.332

Series : SMP

PACKAGING

Torque

NA N.cm mini

Standard	Unit	Other
100	'W' option	Contact us

Recommended torque

Mating

NA N.cm

Panel nut

NA N.cm

Clamp nut

NA N.cm

A/F clamp nut

0.000 mm

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-40 GHz
VSWR	1.50 +	0.000 x F(GHz) Maxi
Insertion loss		.12 √F(GHz) dB Maxi
RF leakage	- (* - F(GHz)) dB Maxi
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		500 Veff mini
Insulation resistance		5000 MΩ mini

Mating life

500 Cycles mini

Weight

0.949 g

ENVIRONMENTAL

Operating temperature

-65/165 °C

Hermetic seal

NA Atm.cm3/s

Panel leakage

NA

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end		NA N mini
Axial force – Opposite end		NA N mini

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	

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

OTHER CHARACTERISTICS

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

Issue : 0529 B

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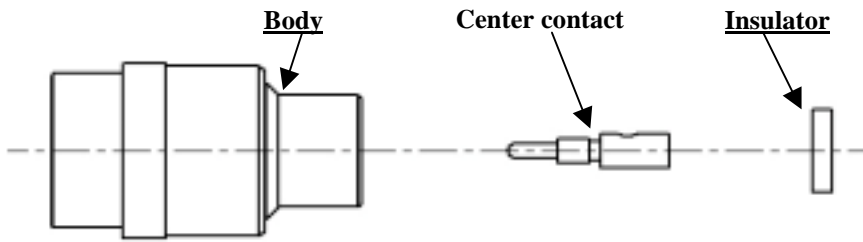


TWO HOLE FLANGE MALE JACK
LIMITED DETENT SOLDER TYPE CABLE .085

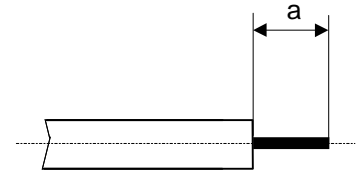
R222.252.332

Series : SMP

COMPONENTS



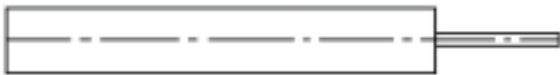
STRIPPING CABLES



We recommend a thermal preconditioning cable

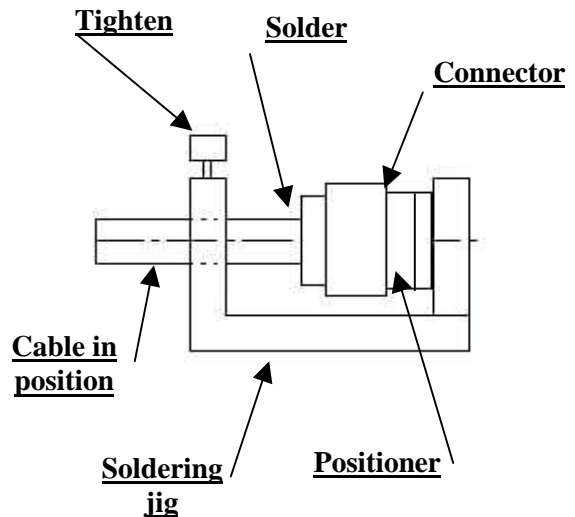
1

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



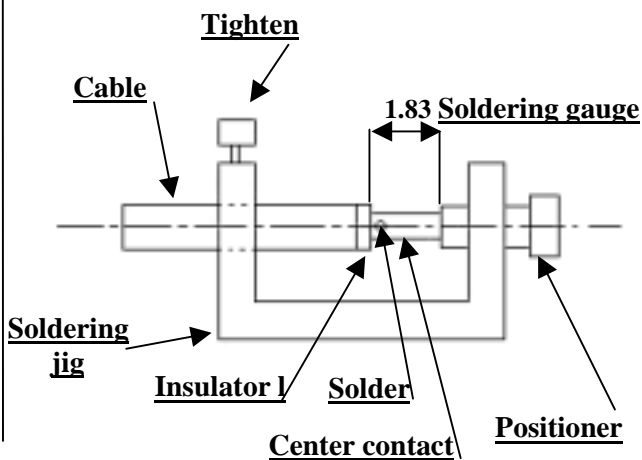
3

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 positoner into the assembly.
 Tighten.
 Solder the body onto the cable.
 After cooling remove cable assembly from the jig.



2

Screw the positoner 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.



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