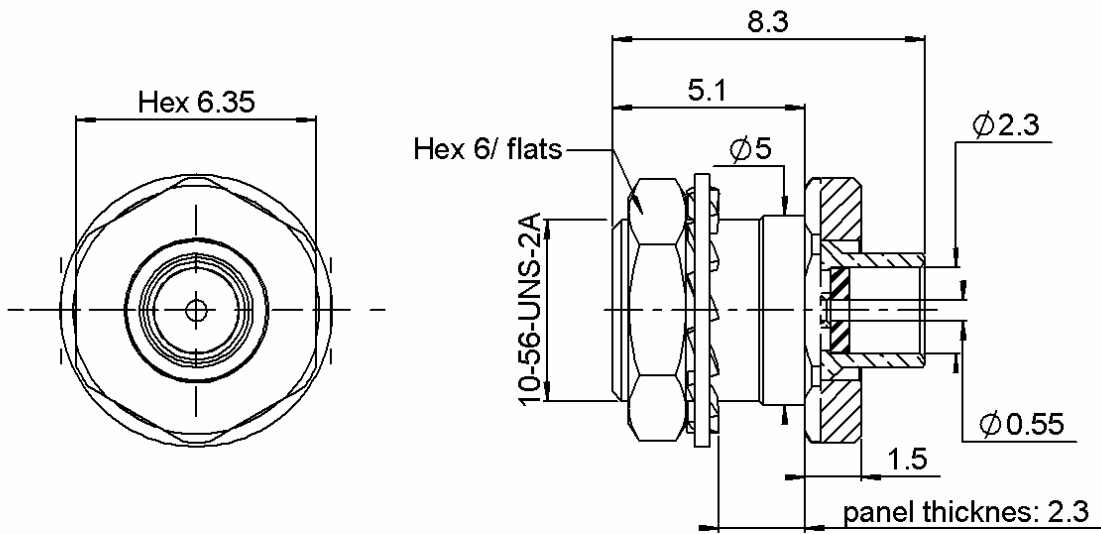


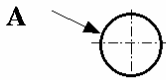
BULKHEAD STRAIGHT MALE JACK
FULL DETENT SOLDER TYPE CABLE .085

R222.302.002

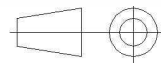
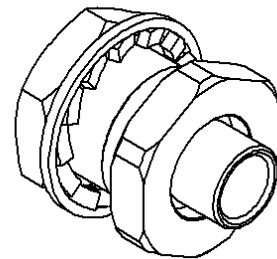
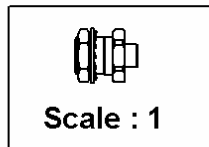
Series : SMP



PANEL CUT OUT



mm		
	Maxi	mini
A	5.30	5.20



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	INOX + LAITON	PASSIVE + OR1.3 SUR NICKEL2
CENTER CONTACT	CUPRO BERYLLIUM	OR 1.27 SUR NICKEL 1.27
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS	LAITON	NICKEL .
-	-	-
-	-	-

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RADIALL®

BULKHEAD STRAIGHT MALE JACK
FULL DETENT SOLDER TYPE CABLE .085

R222.302.002

Series : SMP

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-40 GHz
VSWR	1.50 +	0,0000 x F(GHz) Maxi
Insertion loss		0.12 √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

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

MECHANICAL CHARACTERISTICS

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

Recommended torque		
Mating	NA	N.cm
Panel nut	60	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm

Mating life	100	Cycles mini
Weight	1,1490	g

ENVIRONMENTAL

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

OTHERS CHARACTERISTICS

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

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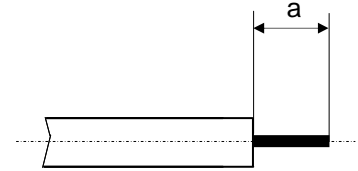
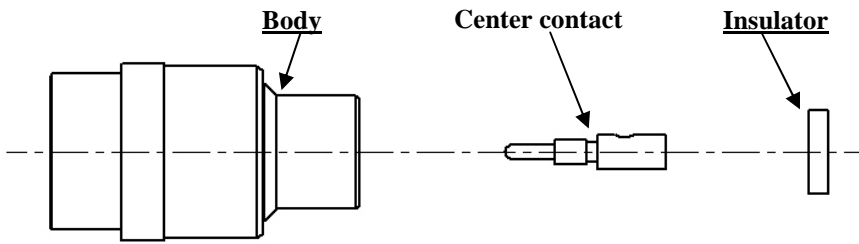
BULKHEAD STRAIGHT MALE JACK
FULL DETENT SOLDER TYPE CABLE .085

R222.302.002

Series : SMP

COMPONENTS

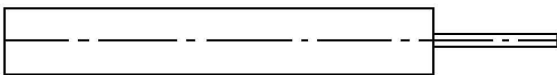
STRIPPING DIMENSIONS



We recommend a thermally preconditioned cable

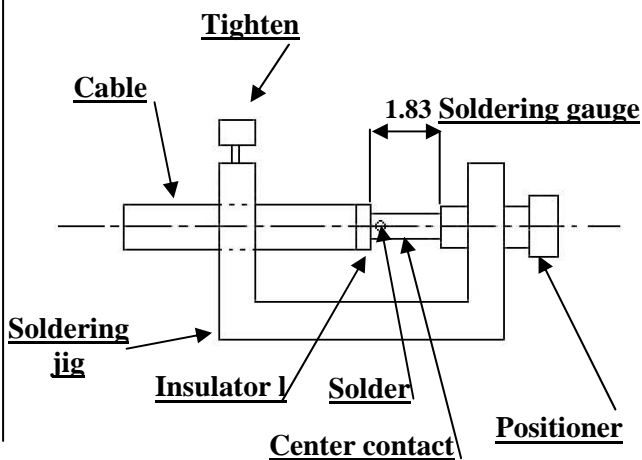
1

Strip the dielectric of the cable .
 Trim the cable
 Clean the cable
 Iron temperature should not exceed 250°C



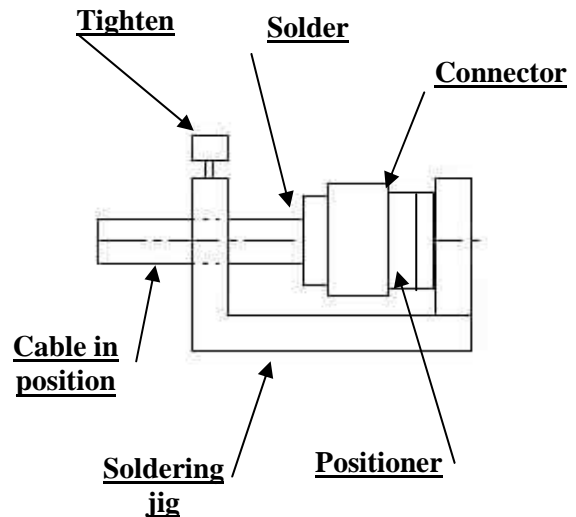
2

Screw the positioner onto the soldering jig.
 Slide center contact onto the cable inner conductor
 against insulator.
 Fit the cable assembly onto the soldering jig.
 Insert the soldering gauge
 Tighten.
 Remove the soldering gauge.
 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 the positioner.
 Slide positioner into the assembly.
 Tighten.
 Solder the body onto the cable.
 After cooling remove cable assembly from the jig.



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