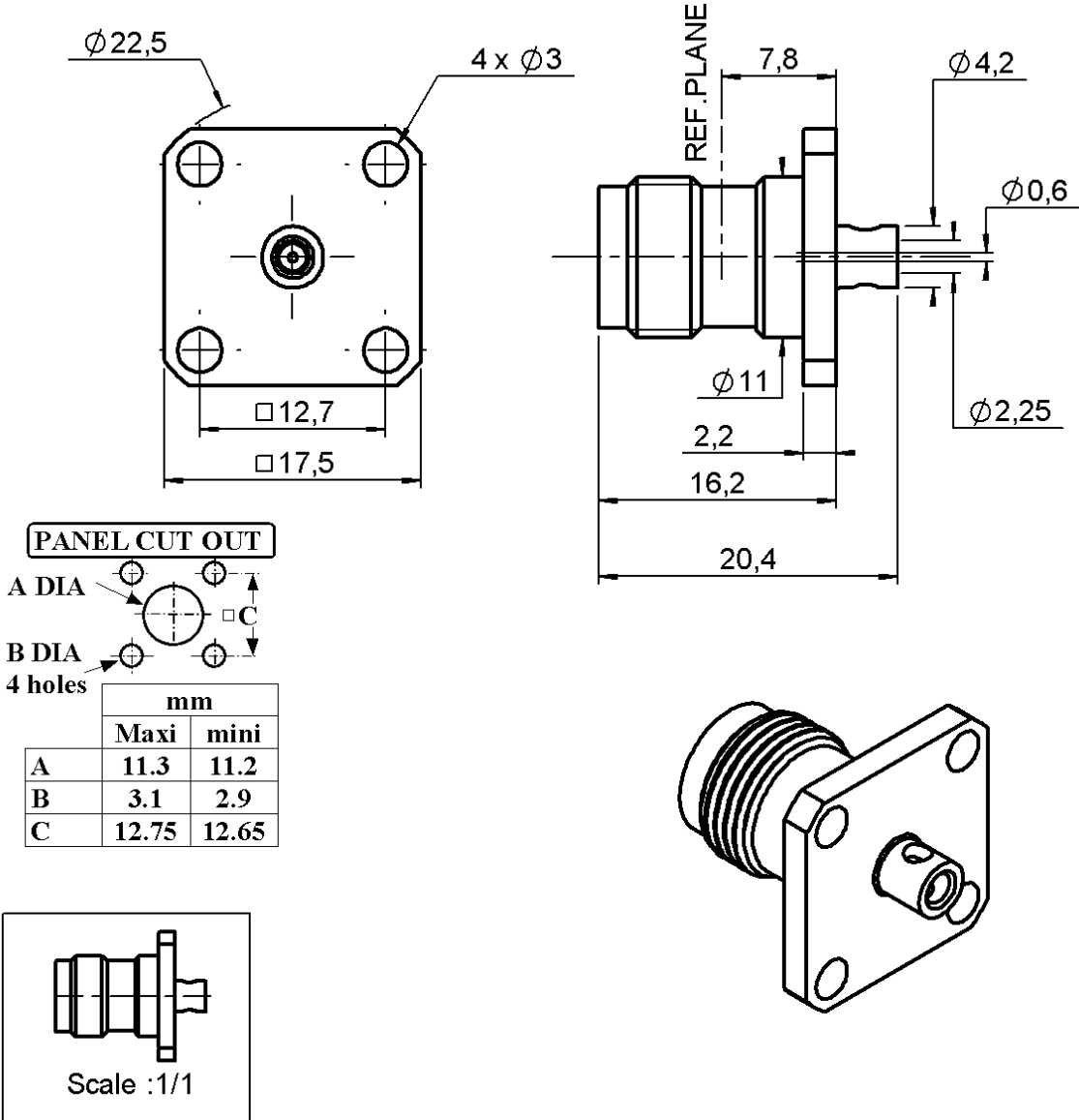


**STRAIGHT SQUARE FLANGE PLUG SOLDER TYPE**

**R143.257.450**

**CABLE .085**

Series : TNC



All dimensions are in mm.



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

Issue : 0340 A

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



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**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b>	$\Omega$
Frequency		<b>0-6</b>	GHz
VSWR	<b>1.35 +</b>	<b>0.000</b>	x F(GHz) Maxi
Insertion loss		<b>0.2</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	<b>57</b>	- F(GHz)) dB Maxi
Voltage rating		<b>335</b>	Veff Maxi
Dielectric withstanding voltage		<b>1000</b>	Veff mini
Insulation resistance		<b>5000</b>	M $\Omega$ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	4.00	0.00	0.00	0.00	0.00	0.00

Assembly instruction :

Recommended cable(s)  
KS 1  
RG 405

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

**MECHANICAL CHARACTERISTICS**

Center contact retention			
Axial force – Mating end	<b>NA</b>	<b>N</b>	N mini
Axial force – Opposite end	<b>NA</b>	<b>N</b>	N mini
Torque	<b>NA</b>	<b>N.cm</b>	N.cm mini

**TOOLING**

Part Number	Description	Hexagon
R282.744.400		

Recommended torque			
Mating	<b>NA</b>	<b>N.cm</b>	
Panel nut	<b>NA</b>	<b>N.cm</b>	
Clamp nut	<b>NA</b>	<b>N.cm</b>	
A/F clamp nut	<b>0.000</b>	<b>mm</b>	

Mating life	<b>500</b>	Cycles mini
Weight	<b>9.800</b>	g

**OTHERS CHARACTERISTICS**

**ENVIRONMENTAL**

Operating temperature	<b>-65/+105</b>	$^{\circ}$ C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

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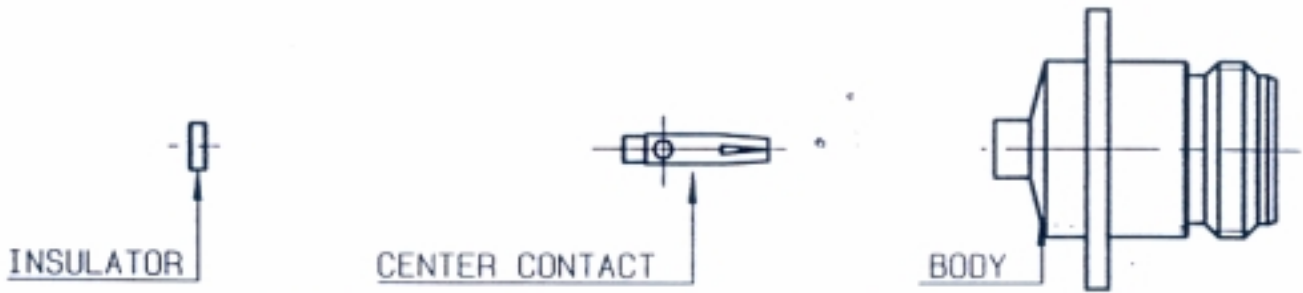


**STRAIGHT SQUARE FLANGE PLUG SOLDER TYPE**

**R143.257.450**

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We recommend a thermal preconditioning cable .

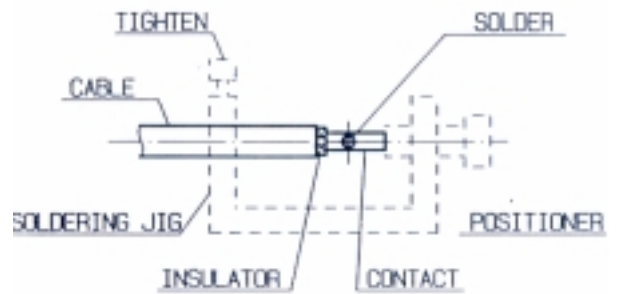
1

Strip the dielectric of the cable.  
Clean the cable.



3

Screw the positioner onto the soldering jig.  
Slide the cable assembly until it bottoms against positioner.  
Tighten and solder the contact.



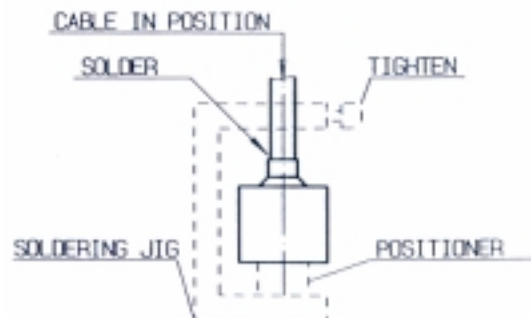
2

Slide the insulator and the center contact onto the cable inner conductor



4

After cooling remove cable assembly from the jig.  
Slide positioner into the connector.  
Get in connector assembly onto the soldering jig and slide the cable until it bottoms against positioner.  
Tighten.  
Put 3 rings of solder around the cable and solder.



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