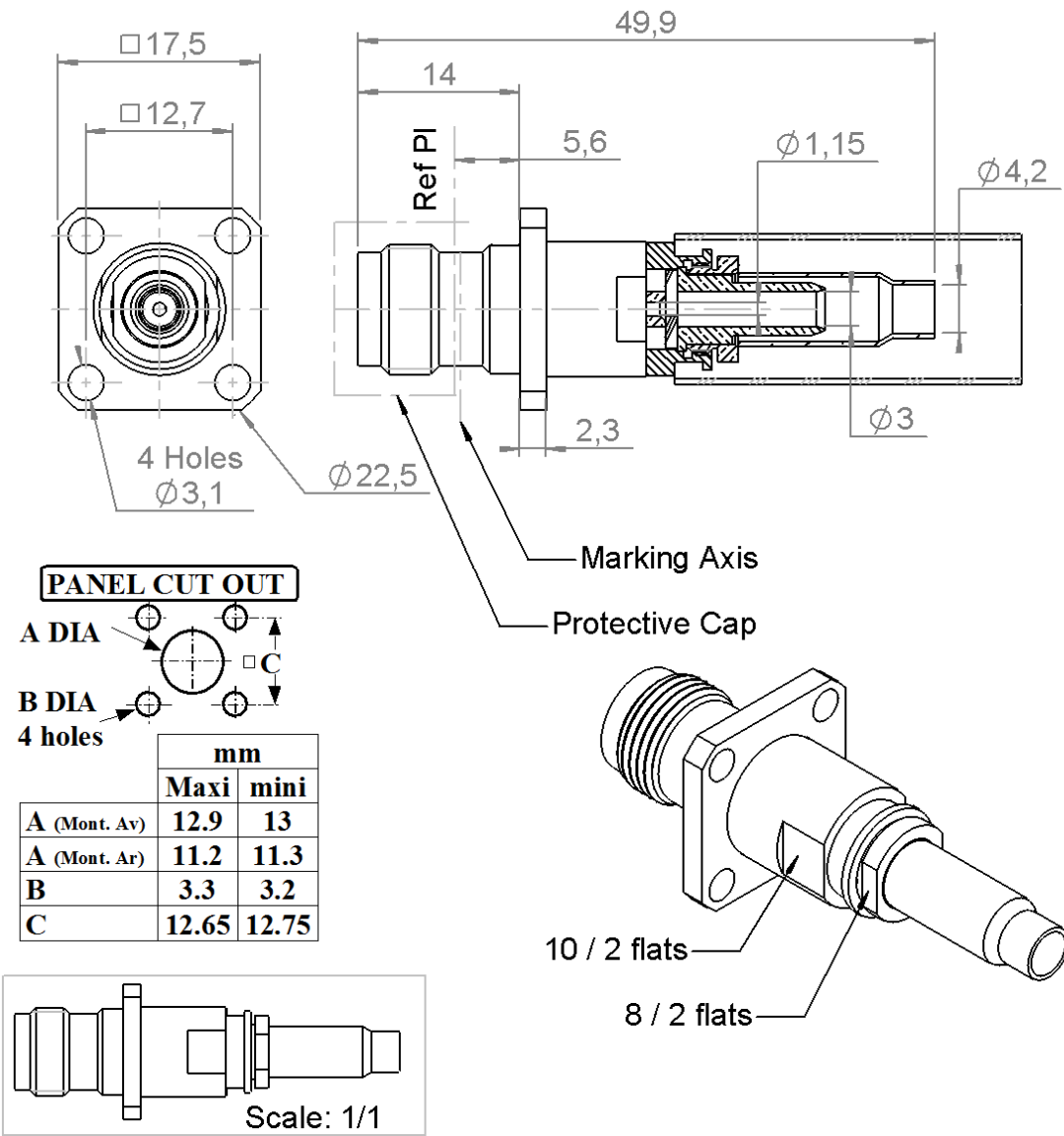


**STRAIGHT SQUARE FLANGE JACK**

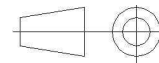
**R143.288.101**

**CRIMP TYPE - CABLE 3.85/50S**

Series : TNC



All dimensions are in mm.



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

Issue : 1245 C

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



**STRAIGHT SQUARE FLANGE JACK**

**R143.288.101**

**CRIMP TYPE - CABLE 3.85/50S**

Series : TNC

**PACKAGING**

Standard	Unit	Other
<b>1</b>	-	<b>Contact us</b>

**SPECIFICATION**

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	9,00	9,00	23,0	0,00	0,00	0,00

**ELECTRICAL CHARACTERISTICS**

Assembly instruction :

Recommended cable(s)  
ASN-EO691-WM

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 **140 N mini**  
- torque **N.cm**

**MECHANICAL CHARACTERISTICS**

**TOOLING**

Part Number	Description	Hexagon
.	.	.
282.291	CRIMPING TOOL M22520/1-01	Position 7
282.997	POSITIONER FOR TOOL 282.291(M22520/1-13)	Red Tourette
R282.223.000	CRIMPING TOOL	5.41
R282.246.000	CRIMPING DIES M22520/5-05	5.41
R282.293.000	CRIMPING TOOL M22520/5-01	

**Mil TOOLING REF EQUIVALENT :**

M22520/1-01 = 282.991  
M22520/1-13 = 282.997  
M22520/5-05 = R282.246.000  
M22520/5-01 = R282.293.000

**OTHER CHARACTERISTICS**

\*DC-6 GHz

Impedance **50 Ω**  
Frequency **0-11 GHz**  
VSWR **1.3\* + 0,0000** x F(GHz) Maxi  
Insertion loss **0.1** √F(GHz) dB Maxi  
RF leakage - ( - F(GHz)) dB Maxi  
Voltage rating **500** Veff Maxi  
Dielectric withstanding voltage **1000** Veff mini  
Insulation resistance **5000** MΩ mini

Center contact retention  
Axial force – Mating end **27 N mini**  
Axial force – Opposite end **27 N mini**  
Torque **NA N.cm mini**

Recommended torque  
Mating **N.cm**  
Panel nut **N.cm**  
Clamp nut **370 N.cm**  
A/F clamp nut **8,0000 mm**

Mating life **500 Cycles mini**  
Weight **18,7770 g**

**ENVIRONMENTAL**

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

Issue : 1245 C

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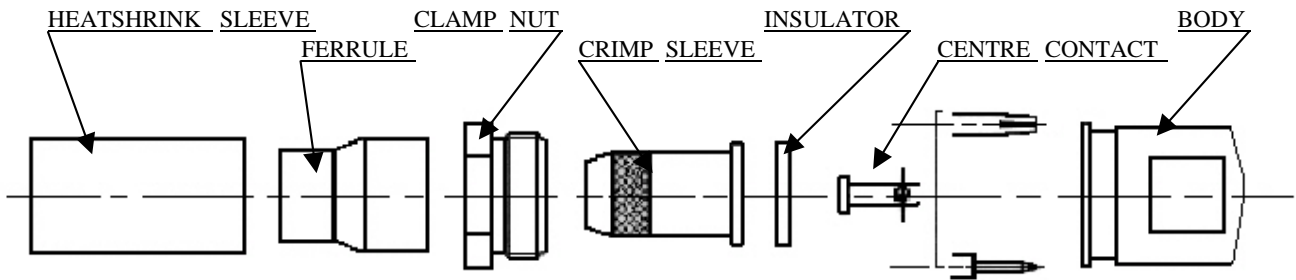
**STRAIGHT SQUARE FLANGE JACK**

**R143.288.101**

**CRIMP TYPE - CABLE 3.85/50S**

Series : TNC

**COMPONENTS**



**1**

Slide onto the cable the heatshrink and the ferrule.  
Strip the cable and cut the foil under the braid .

**2**

Slide the clamp nut onto the crimp sleeve.  
Slide sub-assembly under the braid.  
Slide ferrule over the braid against clamp nut. (In direction F)  
Crimp the ferrule with crimping tool + dies

**3**

Cut the dielectric flush to crimp sleeve.  
Mount insulator against crimp sleeve.

**4**

Slide the centre contact onto the cable inner conductor against insulator.  
Crimp centre contact with the crimping tool and the positioner.

**5**

Screw sub-assembly into the connector body.  
(recommended coupling see the connector TDS)  
Slide sleeve over ferrule and heatshrink sleeve in the place.

Issue : 1245 C

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