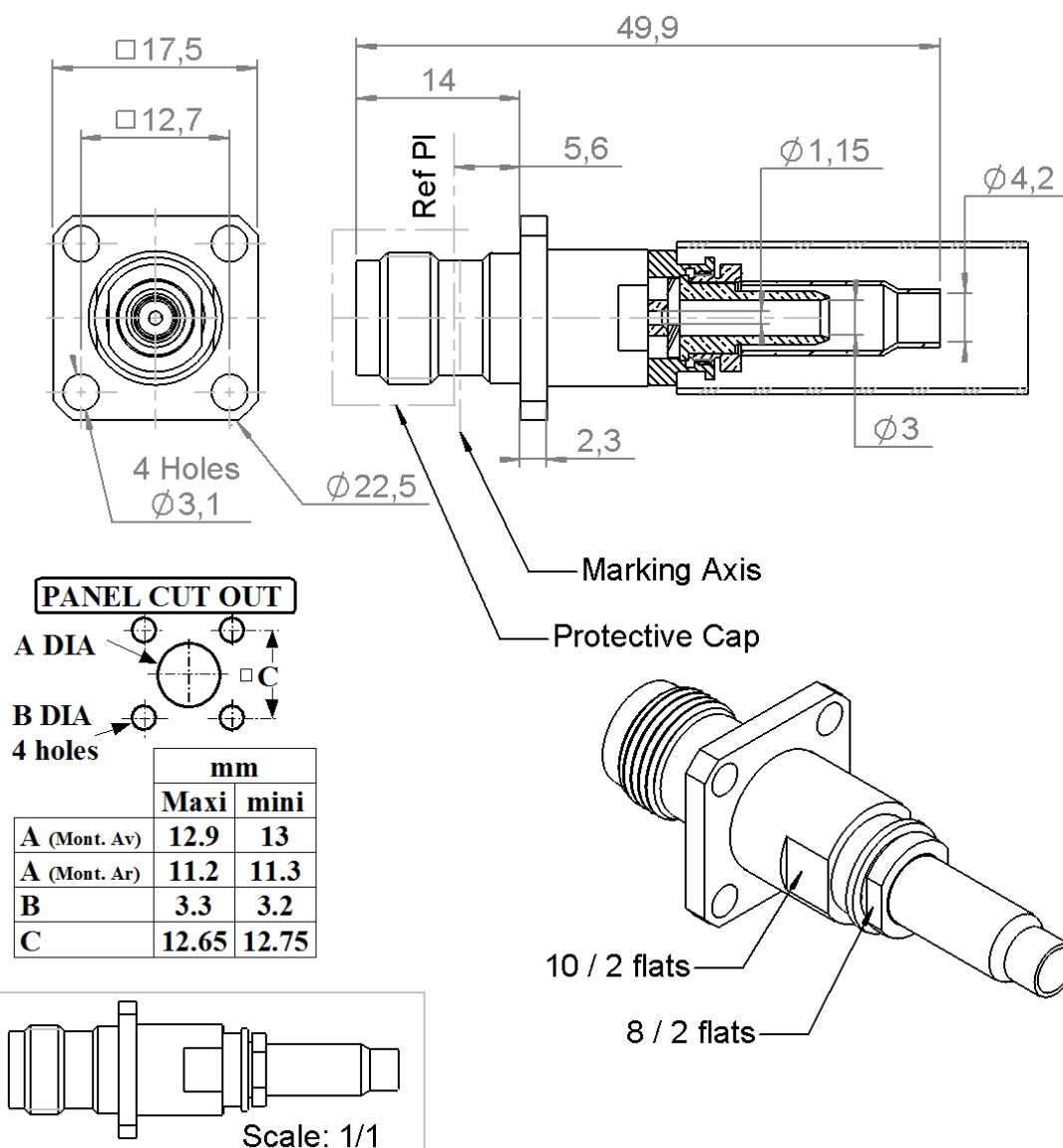
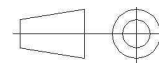


STRAIGHT SQUARE FLANGE JACK
R143.288.101
CRIMP TYPE - CABLE 3.85/50S

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
1	-	Contact us

ELECTRICAL CHARACTERISTICS

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

MECHANICAL CHARACTERISTICS

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	

SPECIFICATION**CABLE ASSEMBLY**

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

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

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

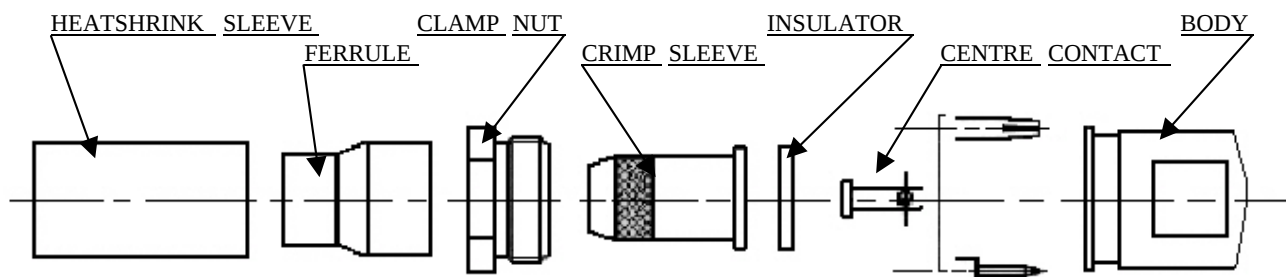
Issue : 1245 C

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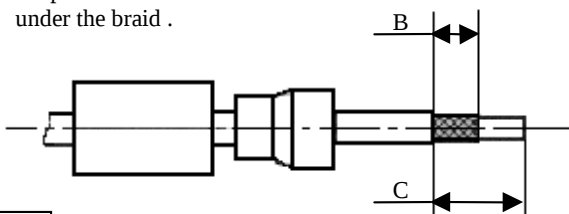


STRAIGHT SQUARE FLANGE JACK**CRIMP TYPE - CABLE 3.85/50S****R143.288.101**

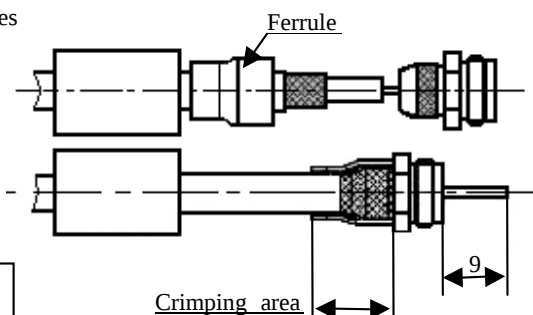
Series : TNC

COMPONENTS**1**

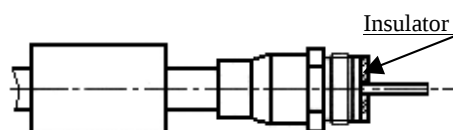
Slide onto the cable the heatshrink and the ferrule.
Strip the cable and cut the foil under the braid .

**2**

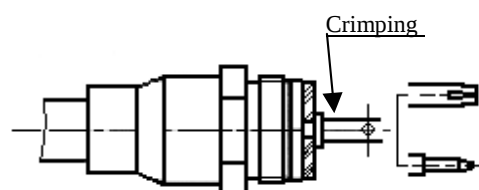
Slide the clamp nut onto the crimp sleeve.
Slide sub-assembly under the braid.
Slide ferrule over the braid against clamp nut.(In direction F)
Crimp the ferrule with crimping tool + dies

**3**

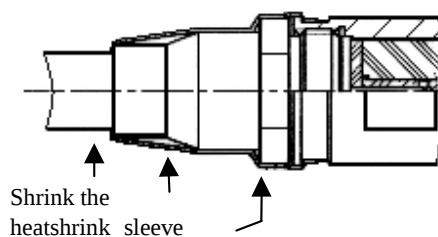
Cut the dielectric flush to crimp sleeve.
Mount insulator against crimp sleeve.

**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.



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