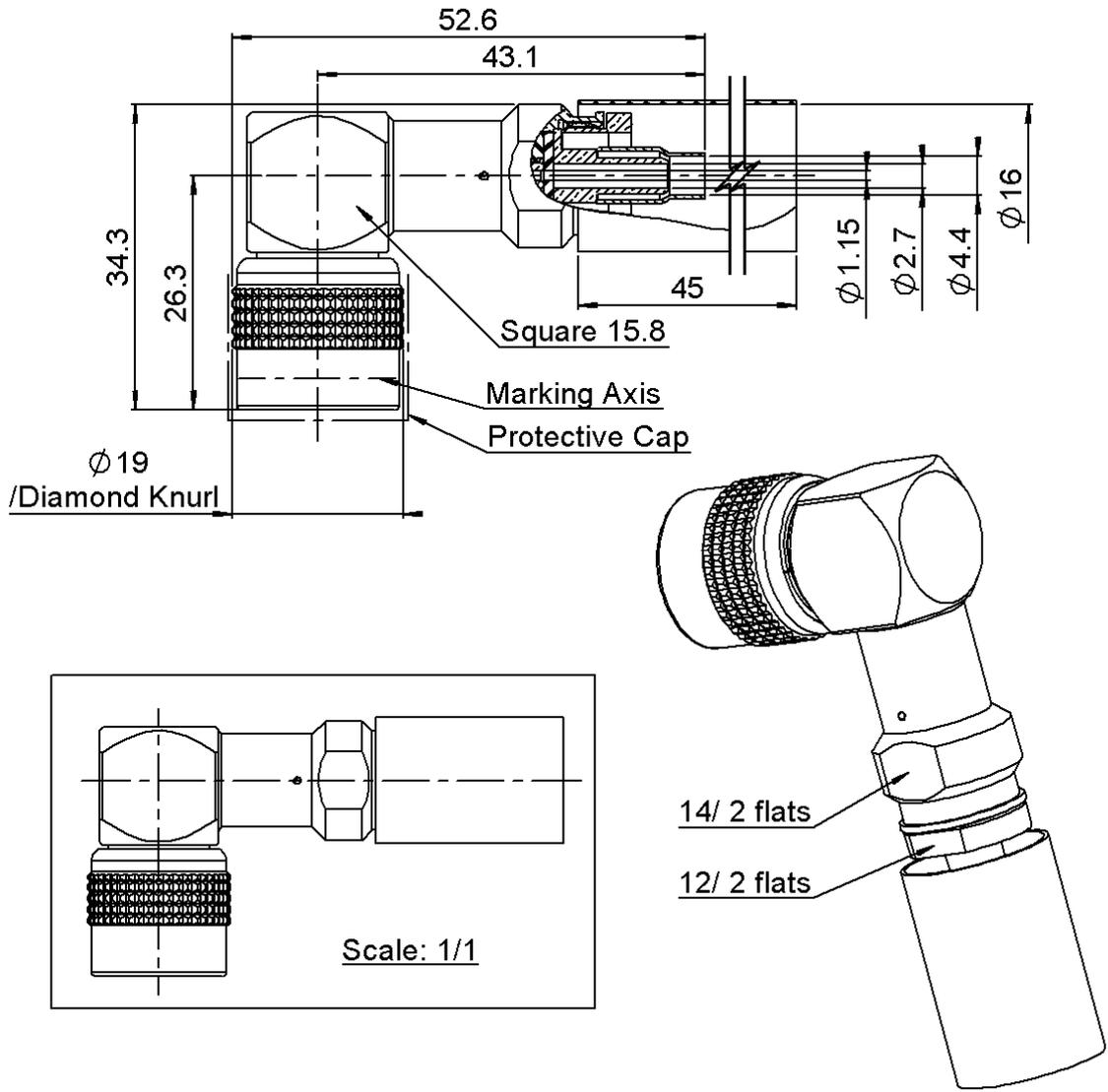
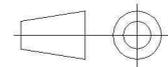


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	BRASS	NICKEL 2
Center contact	BERYLLIUM COPPER, BRASS	GOLD 0.5 OVER NICKEL 2
Outer contact	BRONZE	NICKEL 2
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	BRASS	NICKEL 2
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-3	GHz
VSWR	1.15* + 0,0000	x F(GHz) Maxi
Insertion loss	0.1	√F(GHz) dB Maxi
RF leakage	NA	- F(GHz)) dB Maxi
Voltage rating	850	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	MΩ 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	12,0000	mm
Mating life	500	Cycles mini
Weight	84,0000	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9	8	22	0	0	0

Assembly instruction:

Recommended cable(s)

ETUDE F1703-93

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	180	N mini
- torque	NA	N.cm

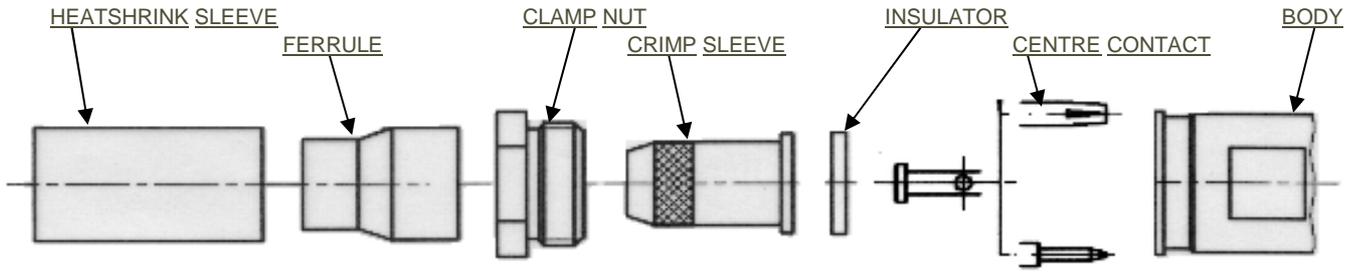
TOOLING

Part Number	Description	Hexagon
282291	CRIMPING TOOL M22520/1-01	2x4 (posit 7)
282997	POSITIONER FOR TOOL 282.291(M22520/1-13)	RED
R282246000	CRIMPING DIES M22520/5-05	5.41
R282293000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

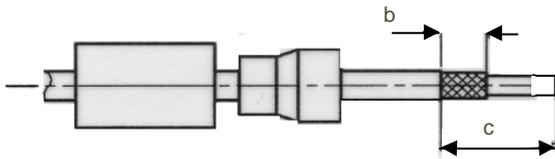
***Coaxial transmission line only**

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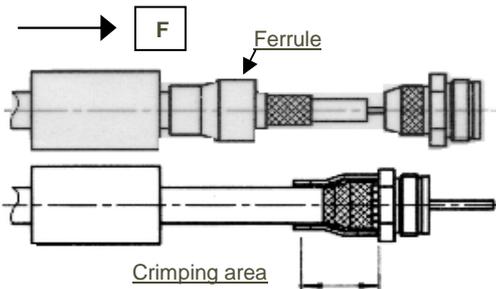
1

Slide onto the cable the heatshrink and the ferrule.
Strip the cable.



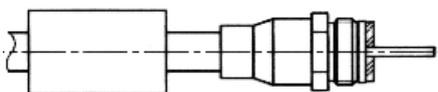
2

Slide the clamp nut onto the crimp sleeve.
Fan the first braid
Remove the foil and cut this one with itself.
Fan the second braid.
Cut the ribbon Kapton without damaging the dielectric of the cable.
Slide sub-assembly under the braid.
Slide ferrule over the braid against clamp nut. (In direction F)
Crimp the ferrule with crimping tool + dies



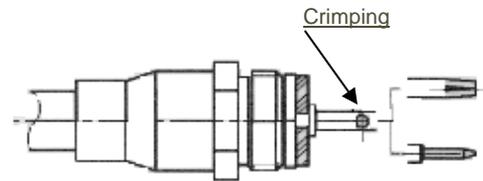
3

Cut the dielectric flush to crimp sleeve with a cutter blade.
Mount insulator against crimp sleeve.



4

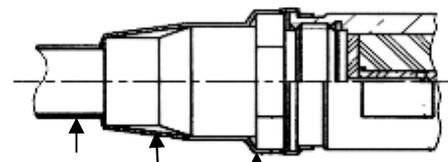
Slide the centre contact onto the cable inner conductor against insulator.
Crimp centre contact with the crimping tool and the positioner.



Heatshrink sleeve not shown

5

Hold connector.
Hand tighten the clamp nut to insert the female center contact of the sub-assembly over the pin center contact into the connector body.
Screw at torque sub-assembly into the connector body.
(Recommended coupling see the connector TDS)
Slide sleeve over ferrule and heatshrink sleeve in the place.



Shrink the Heatshrink sleeve