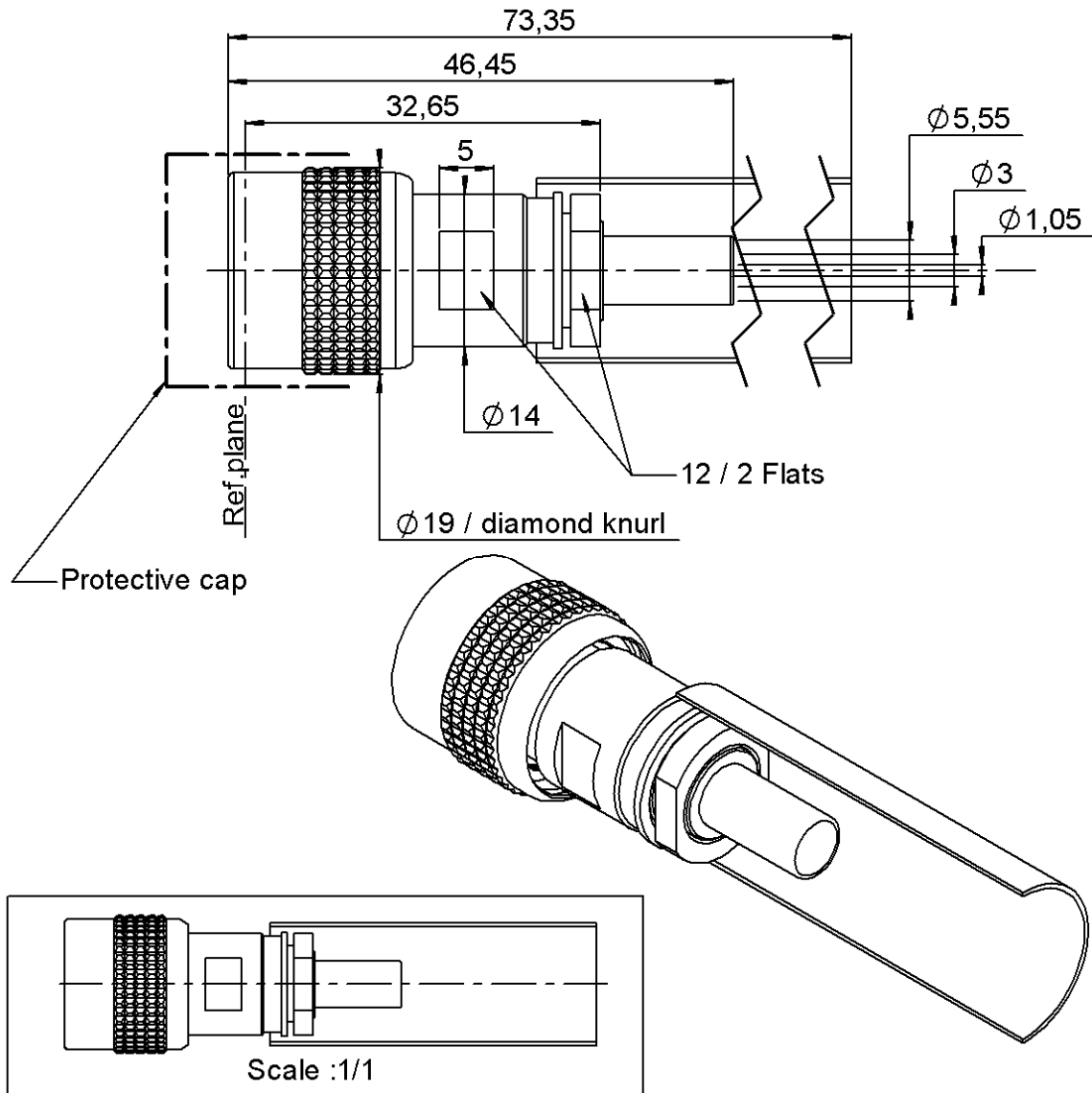


STRAIGHT PLUG CRIMP TYPE

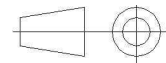
R166.094.000

CABLE 5/50

Series : C



All dimensions are in mm.



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

Issue : 1406 B

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



STRAIGHT PLUG CRIMP TYPE**CABLE 5/50****R166.094.000**

Series : C

PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-11	GHz
VSWR	1.2 + 0,0460	x F(GHz) Maxi
Insertion loss	0.05	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA)	- F(GHz)) dB Maxi
Voltage rating	1000	Veff Maxi
Dielectric withstanding voltage	1500	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	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	370	N.cm
A/F clamp nut	12,0000	mm

Mating life	500	Cycles mini
Weight	38,8900	g

ENVIRONMENTAL

Operating temperature	-55/+155	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

ASN-E0463 F01 - -

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	9,00	8,70	27,0	0,00	18,0	0,00

Assembly instruction :

Recommended cable(s)
RG 400

Cable retention

- pull off	180	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282293000	CRIMPING TOOL M22520/5-01	-
R282235011	CRIMPING DIES M22520/5-11	5.41
282291	CRIMPING TOOL M22520/1-01	2X4 (poss 8)
282997	POSITIONER FOR TOOL 282.291(M22520/1-13)	rouge

OTHERS CHARACTERISTICS

R282.293.000	(M22520/5-01)
R282.235.011	(M22520/5-11)
282.291	(M22520/1-01)
282.297	(M22520/1-13)

Issue : 1406 B

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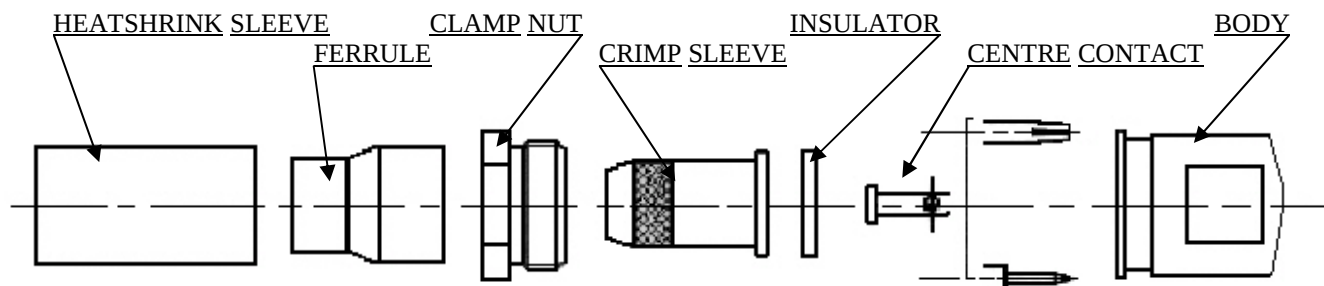
STRAIGHT PLUG CRIMP TYPE

R166.094.000

CABLE 5/50

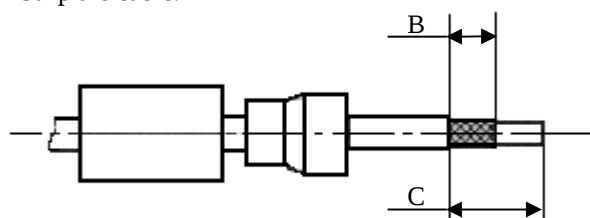
Series : C

COMPONENTS



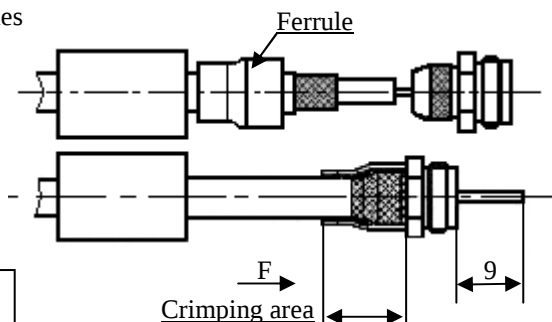
1

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



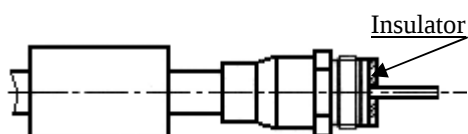
2

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



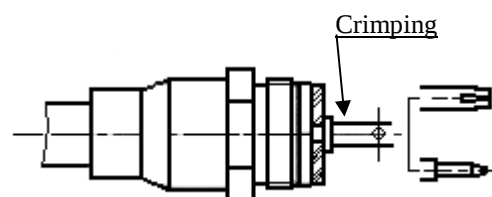
3

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



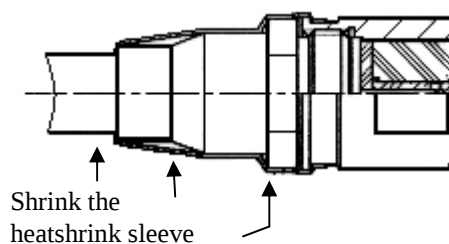
4

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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