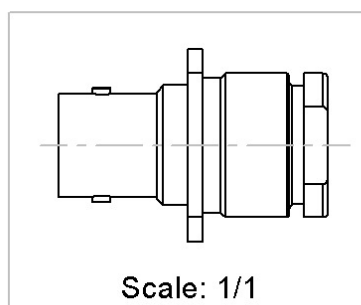
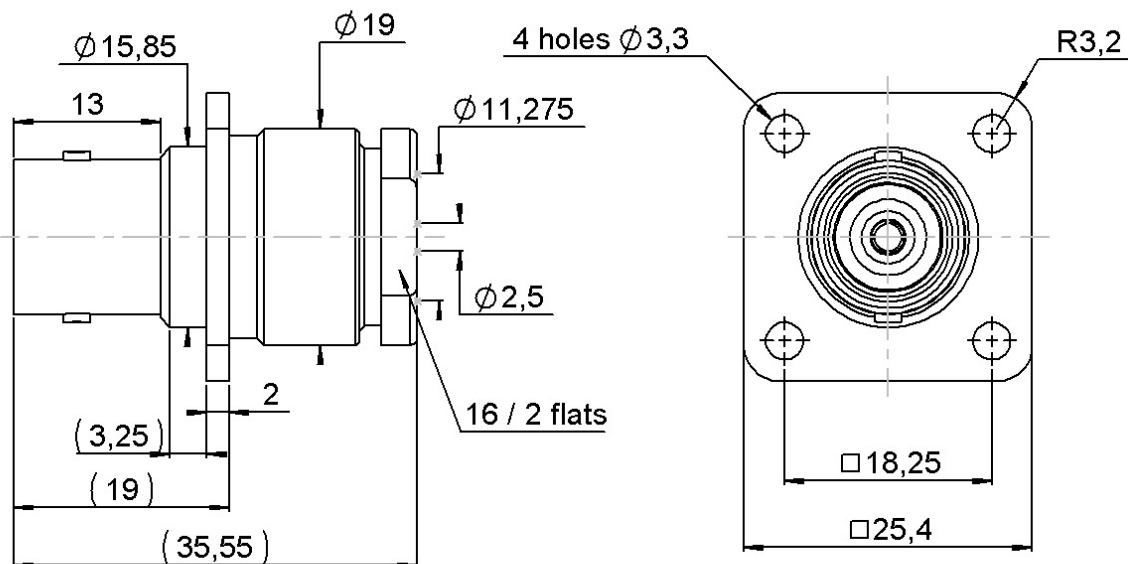


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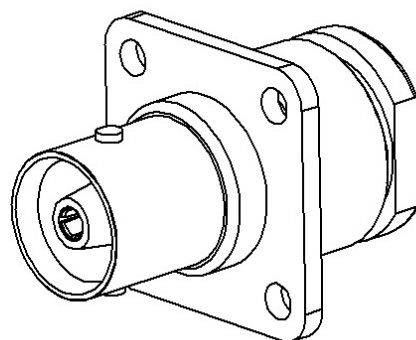
ISSUE
21-10-25N

SERIES C

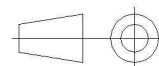
PART NUMBER **R166268000**



PANEL CUT OUT		
A DIA		
B DIA		
4 holes		
	mm	
	Maxi	mini
A	16.4	16.2
B	3.3	3.2
C	18.35	18.15



All dimensions are in mm. Tolerances according ISO 2768 m-H



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

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SERIES C

PART NUMBER R166268000

PACKAGING

Standard	Unit	Other
1	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-11	GHz
VSWR	*1.2 + 0,000	x F(GHz) Maxi
Insertion loss	0.1	√F(GHz) dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	1000	Veff Maxi
Dielectric withstanding voltage	3000	Veff mini
Insulation resistance	5000	MΩ mini

MECHANICAL CHARACTERISTICS

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

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	800	N.cm
A/F clamp nut	16,000	mm

Mating life	500	Cycles mini
Nominal Weight (Add +15% for max weight)	39,860	g

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

Stripping mm	a	b	c	d	e	f
	4,000	7,500	0,000	0,000	1,500	0,000

Assembly instruction:

Recommended cable(s)

RG213
RG 214
KX 13
RG 225
RG 11
RG 144
RG 165

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	300	N mini
- torque	NA	N.cm

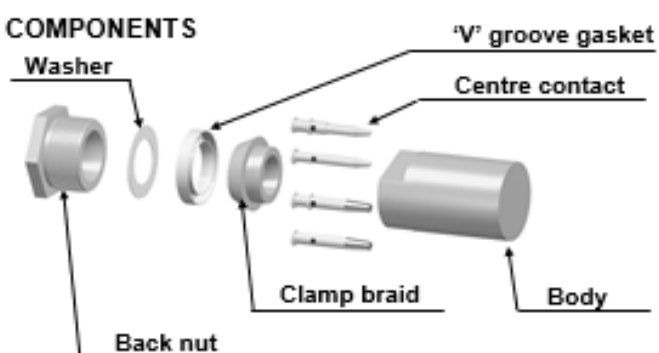
TOOLING

Part Number	Description	Other
.	.	.

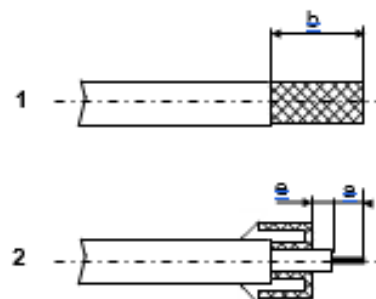
OTHER CHARACTERISTICS

*DC-3GHz

COMPONENTS



STRIPPING DIMENSIONS



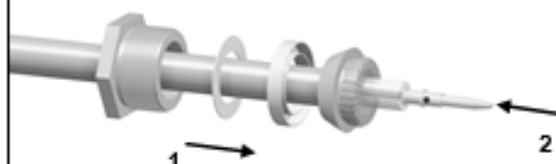
1

Strip the cable as shown in sketch 1.



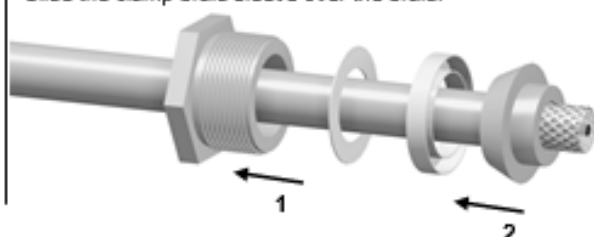
4

Slide the back nut over the cable assembly.
Slide the centre contact onto the inner conductor.



2

Slide the back nut, the washer and the 'V' groove gasket onto the cable.
Slide the clamp braid sleeve over the braid.



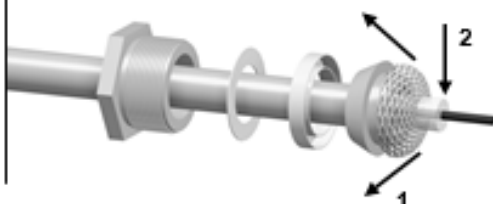
5

Solder the centre contact onto the inner conductor.



3

Fold the braid back and trim off the extra braid.
Trim dielectric back as shown in sketch 2.



6

Screw sub-assembly into the connector body with the adapted wrench.
Recommended coupling torque (see connector TDS).

