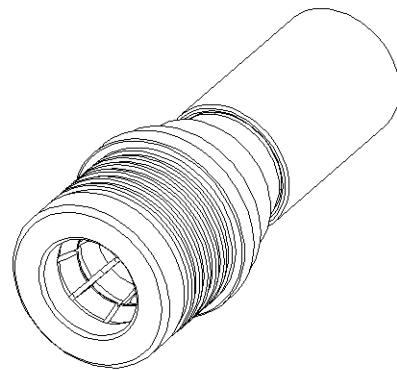
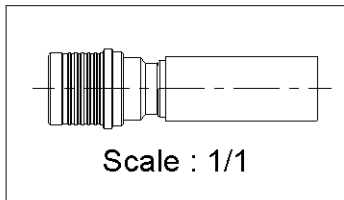
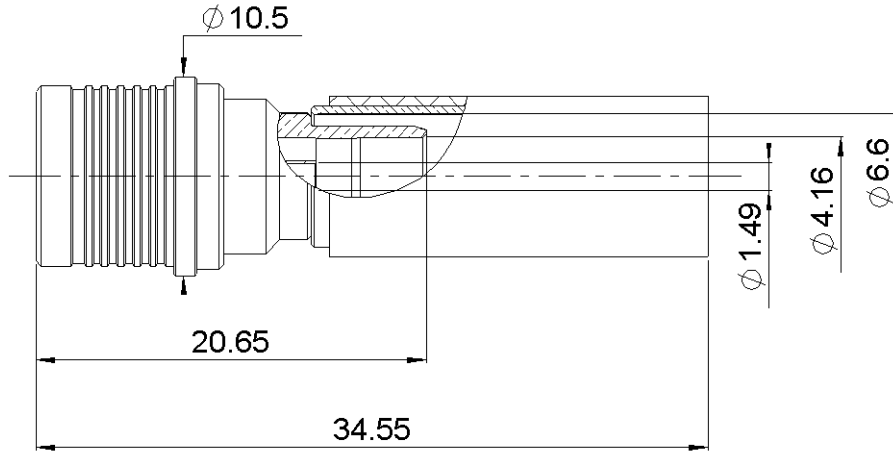
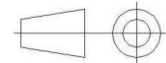


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All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
Body	BRASS	BBR
Center contact	BRASS	NPGR
Outer contact	BRONZE	BBR
Insulator	PTFE	
Gasket	SILICONE RUBBER	
Others parts	BRASS	BBR
-	-	-
-	-	-

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PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-6	GHz
VSWR	1.02	+	0.0200 x F(GHz) Maxi
Insertion loss		0.05	√F(GHz) dB Maxi
RF leakage	- (***80	- F(GHz)) dB Maxi
Voltage rating		335	Veff Maxi
Dielectric withstanding voltage		1000	Veff mini
Insulation resistance		5000	MΩ mini

MECHANICAL CHARACTERISTICS

Center contact retention			
Axial force – Mating End		18	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		NA	N.cm
A/F clamp nut		0.0000	mm
Mating life	100		Cycles mini
Weight	6.2300		g

ENVIRONMENTAL

Operating temperature	-40/+105	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2	5.9	7.9	0	5.9	0

Assembly instruction:

Recommended cable(s)

ECO 230

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	170	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
R282223000	CRIMPING TOOL	6.48
R282235013	CRIMPING DIES	6.48
R282293000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

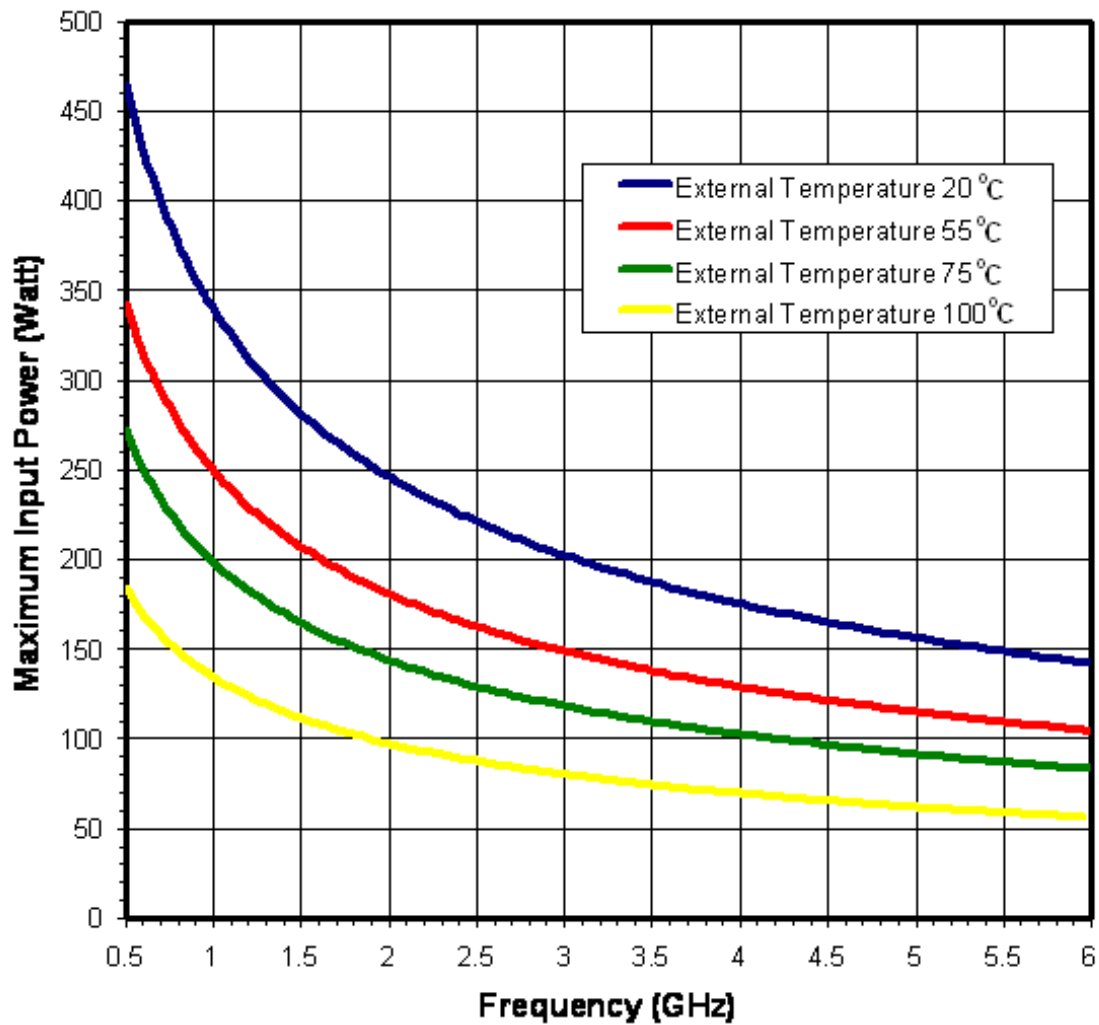
***Interface ingress protection: IP68 (IEC60529) mated condition**

****Intermod.: -120dBc at 1.8GHz (2 x 20W)**

*****RF Leakage(interface): 3<F<6GHz: >70dB**

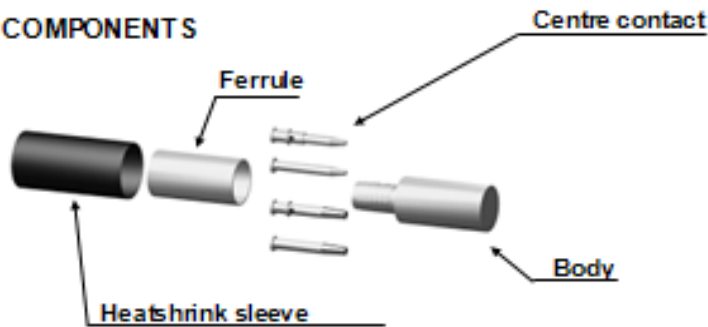
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POWER DERATING

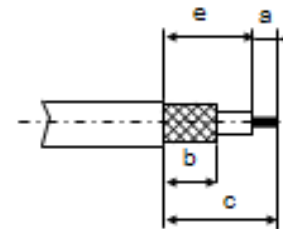


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COMPONENTS



STRIPPING DIMENSIONS



1

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

4

Slide the cable into the body until it bottoms against the insulator.

2

Slide the centre contact on until it bottoms against the cable dielectric.
Solder the centre contact.
Clean solder area.

5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).
Cut the excess of braid if necessary.

3

Fan the braid.

6

Slide the heatshrink sleeve over the ferrule and over the back of the body. Use if possible a pistol warm air.
(Recommended temperature: 250 at 300°C)
Uniform heating on all the surface of the heatshrink sleeve.

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