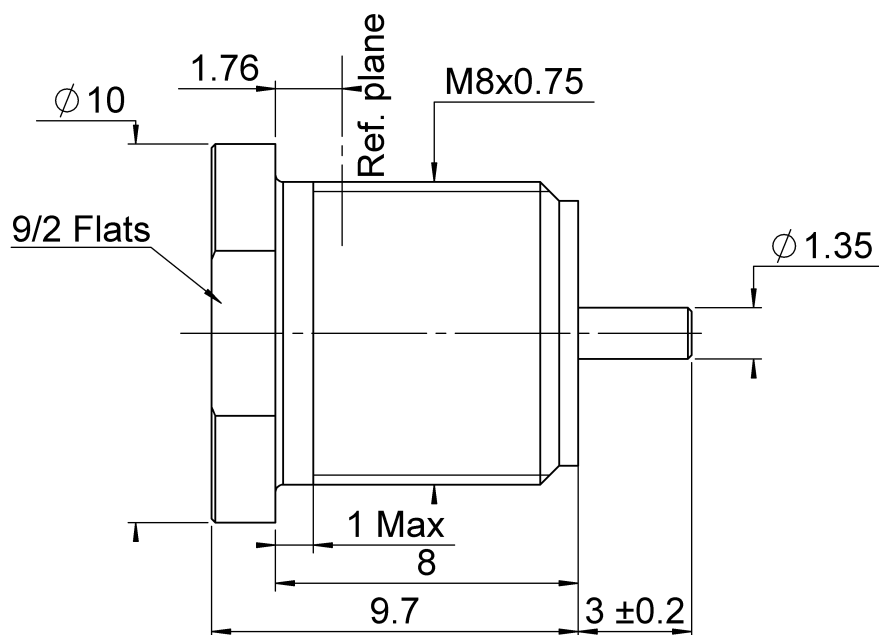


PAGE 1/2

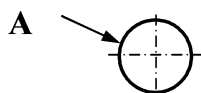
ISSUE 10-02-21A

SERIES POWER-MAX

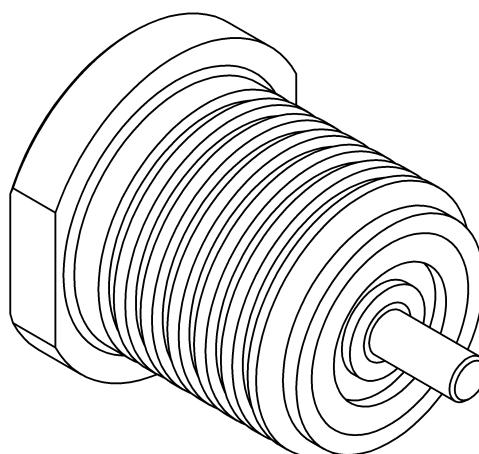
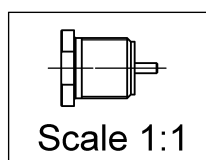
PART NUMBER R233M10017



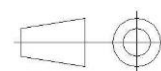
PANEL CUT OUT



	mm
A	M8x0.75



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



COMPONENTS	MATERIALS	PLATING (μm)
Body	BRASS.	BBR
Center contact	BRASS.	NPGR.
Outer contact		
Insulator	PLASTIC	
Gasket		
Others parts		
-	-	-
-	-	-

PAGE 2/2

ISSUE 10-02-21A

SERIES POWER-MAX

PART NUMBER R233M10017

PACKAGING

Standard	Unit	Other
100	Contact us	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-6	GHz
VSWR	1.196* ** +	0 x F(GHz) Maxi
Insertion loss	* ***	√F(GHz) dB Maxi
RF leakage	- (NA	- 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	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	NA	N.cm
Panel nut	100	N.cm

Mating life	100	Cycles mini
Nominal Weight	2,96	g
(Add +15% for max weight)		

ENVIRONMENTAL

Operating temperature	-55/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

OTHER CHARACTERISTICS

Assembly instruction: NA

Others:

Power handling ≥ 160W @ 2.7GHz at 105°C, long term (≥ 10 years)

PIM3 ≤ -160dBc @ 2*20W

*** Coaxial Transmission Line Only (Slide side+Bullet+Snap side)**

**** VSWR: up to 3 GHz; 3-5GHz, 1.253max, 5-6GHz, 1.33max**

***** IL ≤ 0.12dB @ 0-3GHz, ≤ 0.25dB @ 3-6GHz**