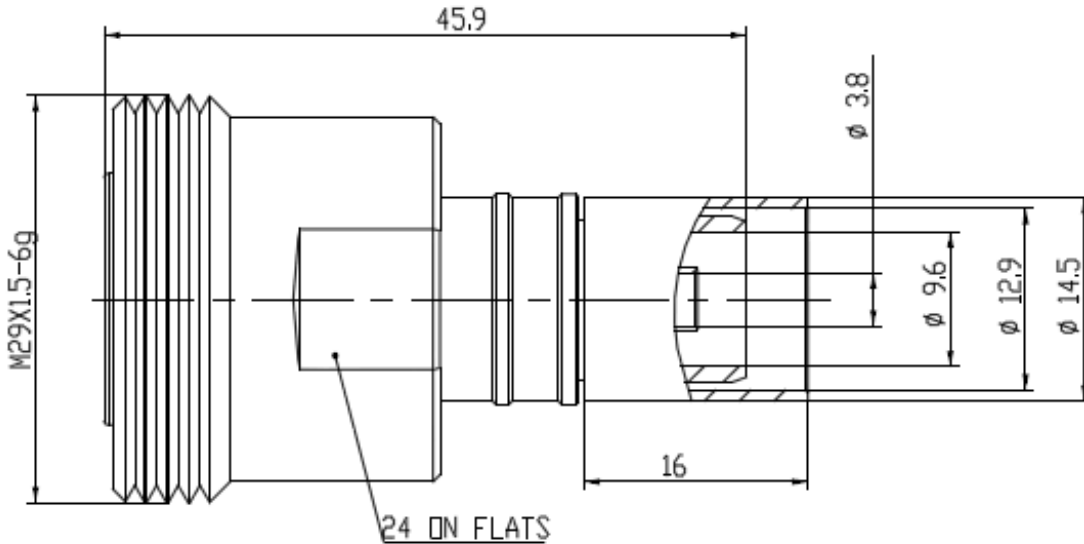


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N. N. N	7/31/13	J. D. B.	8/16/13



Reference standard IEC60169-4

I. Electric Performance

Nominal Impedance(Ω):	50 ± 2
Frequency Range:	DC-6GHz
VSWR:	≤ 1.35
Insert Loss(dB)	≤ 0.1(3G)
Insulation resistance (MΩ)	≥ 10000
Proof voltage (V)	2500
Conductor resistance (mΩ)	outer conductor < 0.2 inner conductor < 0.8

II. Mechanical Performance

Retention	≥ 0.56N 0.28N 5.88N
Mating cycles	500
Tensile force(cable-connector)	300N
Torsion(cable-connector)	3Nm

III. Material and plating

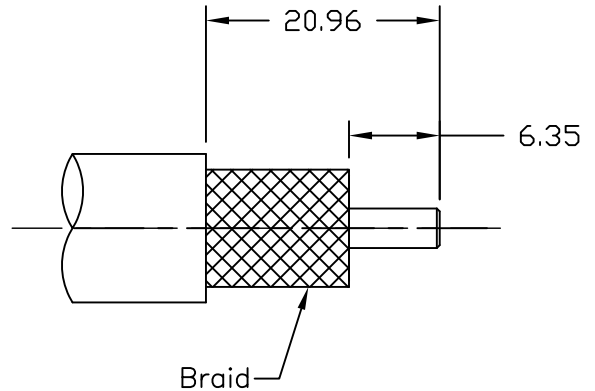
Component	Material	Plating
Inner conductor	Spring Bronze	Ag 5μm
Outer conductor	Brass	Copper-th-zinc 2μm
Tube	copper	Copper-th-zinc 2μm
Insulator	PTFE	

IV. Environment

Temperature	-40°C~+85°C
Weather standard	IEC 60068 40 / 085/ 21
Thermal shock	US MIL-STD 202,Meth.107,Cond.B
Vibration	US MIL-STD 202,Meth.204,Cond.B
Shock	US MIL-STD 202,Meth.213,Cond.A

V. Assembly: inner conductor soldered and outer conductor crimped

VI. ROHS Compliant.



MATERIAL:	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS . XX ± N/A . XXX ± N/A ANGLES ± N/A FRACTIONS ± N/A	DFTM. N. N. N	TIMES MICROWAVE SYSTEMS
		DATE 7/31/13	
USED ON: 0	DO NOT SCALE DRAWING	CHKD. J. D. B.	TC-500-716F-X 7/16 FEMALE FOR LMR-500
		DATE 8/16/13	
SCALE: N/A	DWG. SIZE A	APPD. J. D. B.	1 of 1 SD3190-2906
	CODE IDENT 68999	DATE 8/16/13	