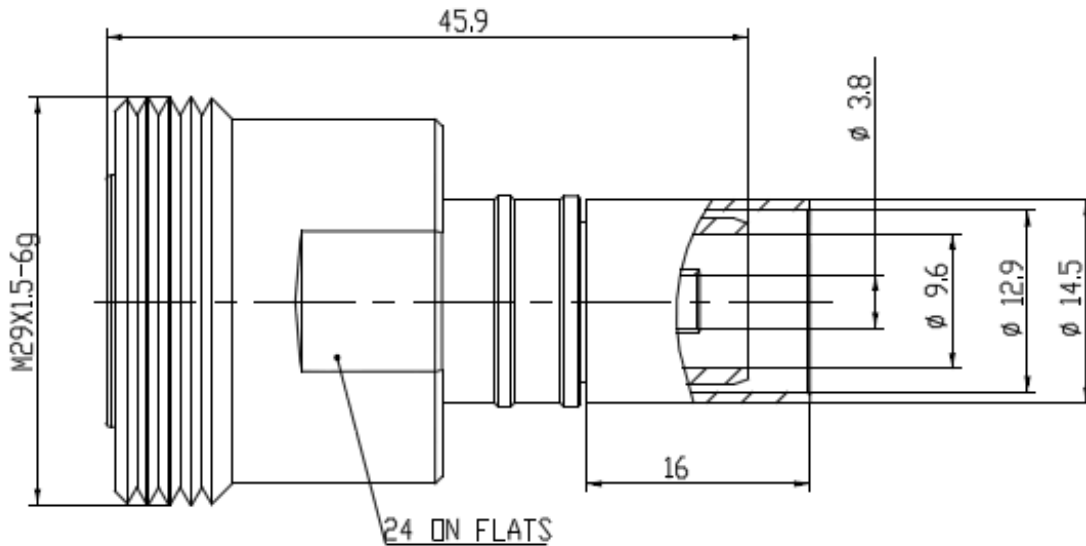


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	N.N.N	7/31/13	J.D.B.	8/16/13



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

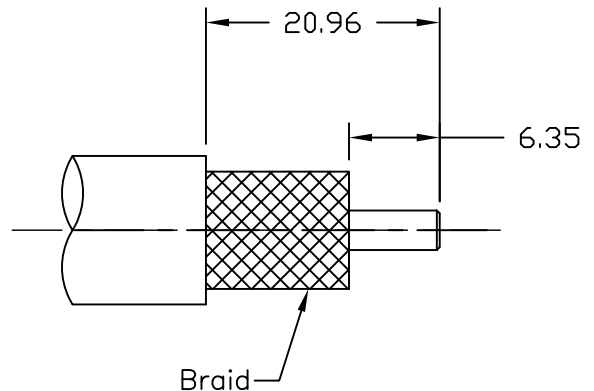
Component	Material	Plating
Inner conductor	Spring Bronze	Ag 5 μm
Outer conductor	Brass	Copper-th-zinc 2 μm
Tube	Copper	Copper-th-zinc 2 μm
Insulator	PTFE	

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.I

V. Assembly: inner conductor soldered and outer conductor crimped

VI. ROHS Compliant.



MATL:		UNLESS OTHERWISE SPECIFIED		DFTM. N. N. N		TIMES MICROWAVE SYSTEMS			
		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		DATE 7/31/13					
USED ON: 0				CHKD. J. D. B.		TC-500-716F-X 7/16 FEMALE FOR LMR-500			
				DATE 8/16/13					
				APPD. J. D. B.					
SCALE: N/A		DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 8/16/13	SHT 1 of 1	SD3190-2906	REV A	

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