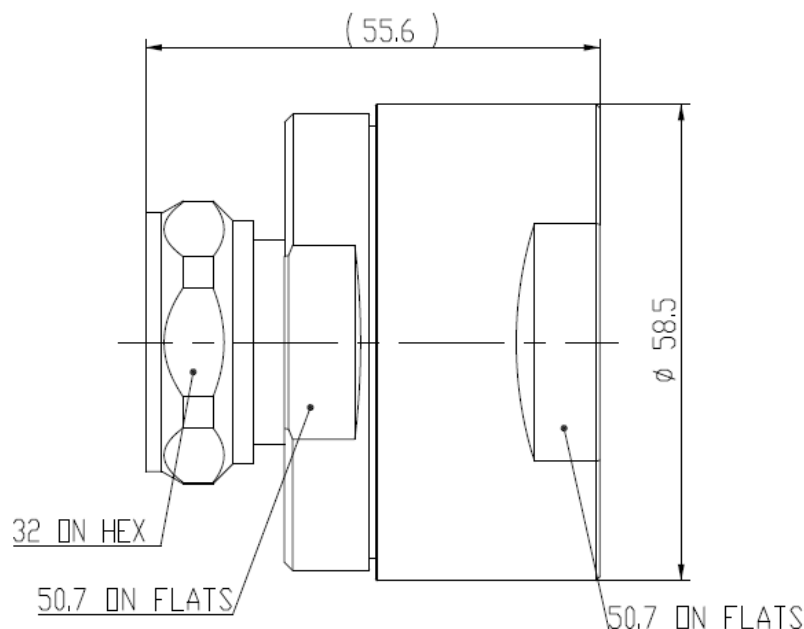


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J. C. L.	3/4/96	J. C. L.	3/4/96
A	CHANGED PER CDC #45286	N. N. N	11/10/16	J. D. B	1/3/17



Reference standard IEC60169-4

I. Electric Performance

Nominal Impedance(Ω): 50 ± 2
Frequency Range: DC-3GHz
VSWR: ≤ 1.35
Insert Loss(dB): $\leq 0.1(3G)$
Insulation resistance (M Ω): ≥ 10000
Proof voltage (V): 4000
Conductor resistance (m Ω): outer conductor < 0.2
inner conductor < 0.8

II. Mechanical Performance

Nut torque: 25Nm
(Nut)Whorl pull: 1000N
Tensile force(cable-connector): 1500N

III. Material and plating:

Component	Material	Plating
Inner conductor	Brass	Ag5 μ m
Outer conductor	Brass	Copper-tin-zinc 2 μ m
Nut	Brass	Ni5 μ m
Gasket	Silicone rubber	
Insulator	PTFE	

IV. Environment

Temprange: -40 $^{\circ}$ C~+85 $^{\circ}$ 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 and outer conductor Installed

VI. ROHS Compliant.

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM. J. C. L.	TIMES MICROWAVE SYSTEMS	
		DATE 3/4/96		
USED ON: O-O	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 $\pm$ N/A .XXX $\pm$ N/A ANGLES $\pm 1^{\circ}$ FRACTIONS $\pm$ N/A	CHKD. J. C. L.	EZ-1700-716MC 7/16 DIN MALE CLAMP	
		DATE 3/4/96		
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 3/4/96
		DATE 3/4/96	1 of 1	SD3190-387
				REV. A