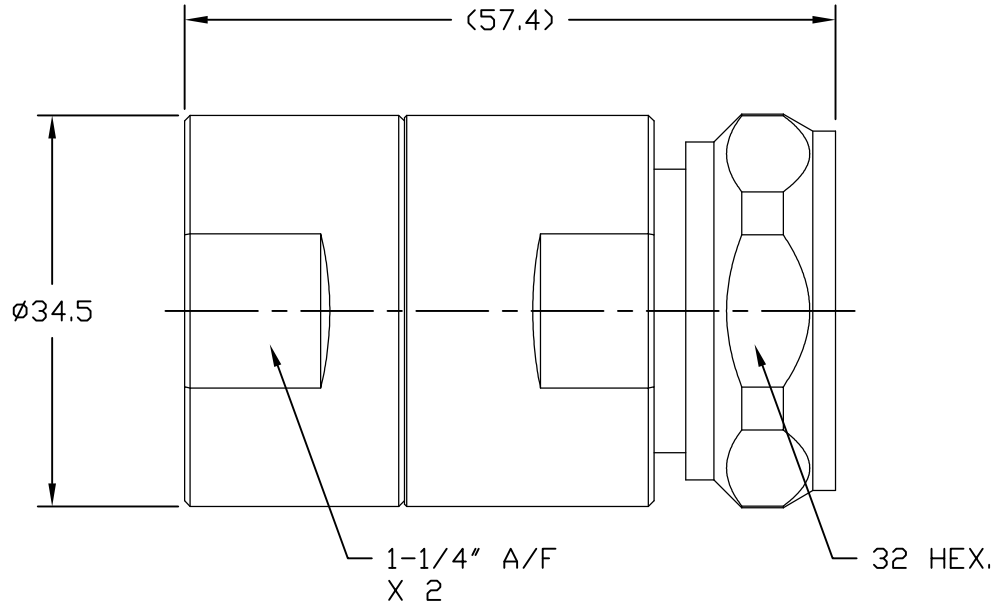


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J. C. L.	5/2/03	J. C. L.	5/2/03
A	CHANGED PER CDC #35986	D. J. H.	8/31/12	J. D. B.	9/5/12



Reference standard IEC60169-4

I. Electric Performance

Nominal Impedance( $\Omega$ ): 50  
 Frequency Range: DC-3GHz  
 VSWR:  $\leq 1.15$   
 Insert Loss (dB):  $\leq 0.05$   
 Insulation resistance(M $\Omega$ )  $\geq 10000$   
 Proof voltage(V) 4000  
 Conductor resistance(m $\Omega$ ) outer conductor <0.2  
 inner conductor <0.8

II. Mechanical Performance

Nut torque 25N.m  
 (Nut)Whorl pull 1000N  
 Tensile Force (cable-connector) 500N  
 Torsion (cable-connector) 5N.m

III. Material and plating :

Inner conductor Brass Plating Ag 5um  
 Outer conductor Brass Plating Copper-tin-zinc 2um  
 Nut Brass Plating Ni 5um  
 Gasket Silicone rubber  
 Insulator PTFE

IV. Environment

Temp. range -55 $^{\circ}$ C~+155 $^{\circ}$ C  
 Weather standard IEC 60068 55 / 155/ 56  
 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  
 Waterproofing standard IP67

V. Assembly: inner and outer conductor installed

VI. ROHS Compliant.

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MATERIAL:	UNLESS OTHERWISE SPECIFIED	DFTM. J. C. L.	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 $\pm$ N/A . XXX $\pm$ N/A ANGLES $\pm 1^{\circ}$ FRACTIONS $\pm$ N/A	DATE 5/2/03	
USED ON: 1-0		CHKD. J. C. L.	<b>EZ-900-716MC-2</b> 2 PIECE 7-16 DIN MALE FOR LMR-900 CABLE
		DATE 5/2/03	
SCALE: N/A	DWG. SIZE A	APPD. J. C. L.	
DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 5/2/03	SHT 1 of 1   SD3190-1641   REV A