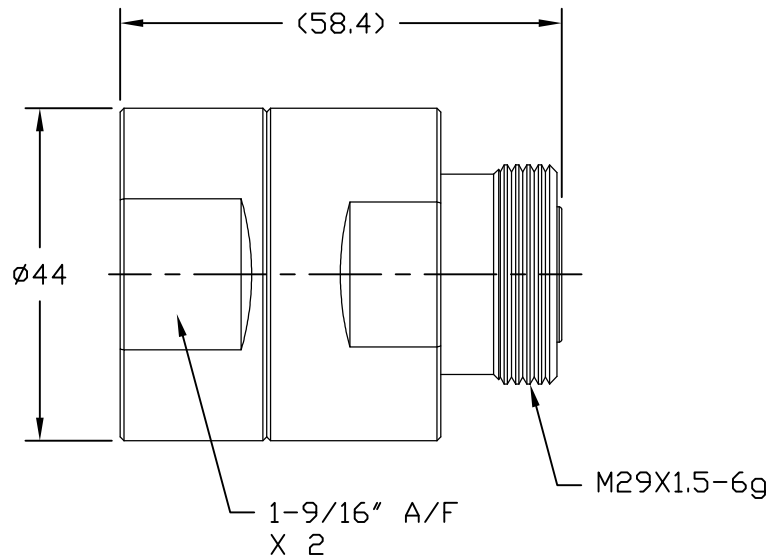


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	9/25/12	J. D. B.	9/28/12



Reference Standard IEC60169-4

I. Electric Performance

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

II. Mechanical Performance

Retention	$\geq 5.88N$
Mechanical wear(hypo-)	500
Tensile force(cable-connector)	500N
Torsion(cable-connector)	5N.m

III. Material and plating

Component	Material	Plating
Inner conductor	Spring Bronze	Ag 5 μ m
Outer conductor	Brass	Copper-tin-zinc 2 μ m
Spring Finger Contact	BeCu	Copper-tin-zinc 2 μ m
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
ROHS Compliant	

V. Assembly: inner and outer conductor installed

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM. D. J. H.	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 N/A FRACTIONS \pm N/A	DATE 9/25/12	
USED ON: O-1	DO NOT SCALE DRAWING	CHKD. J. D. B.	EZ-1200-716FC-2 7-16 FEMALE FOR LMR-1200 CABLE
		DATE 9/28/12	
SCALE: N/A	DWG. SIZE A	APPD. J. D. B.	SD3190-2784
CODE IDENT 68999	DATE 9/28/12	SH T 1 of 1	
			REV A