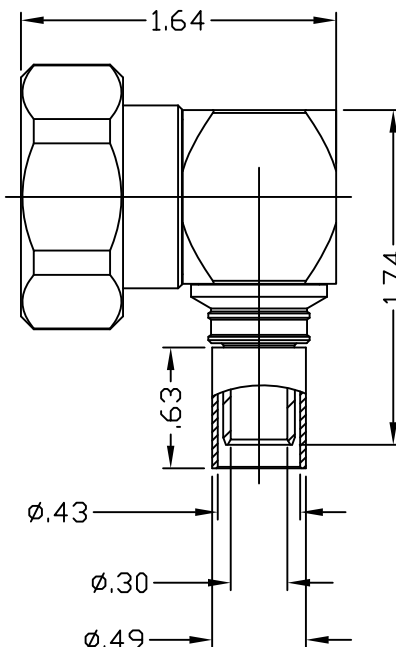
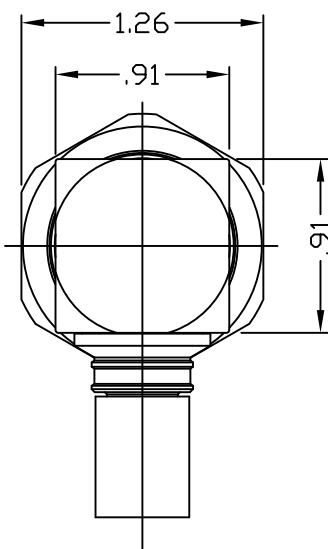


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	3/31/10	J.B.D.	5/17/10



Reference standard IEC60169-4

I Electric Performance

Nominal Impedance(Ω): 50
Frequency Range: DC-3GHz
VSWR: ≤ 1.15
INSERT LOSS: ≤ 0.1
Insulation resistance(M Ω) 10000
Proof voltage(V) 2500
Conductor resistance(m Ω) outer conductor ≤ 0.2
inner conductor ≤ 0.8

II Mechanical Performance

Pin torque 25N.m
(Nut)Whorl pull 1000N
Tensile force(cable-connect) 400N
Torsion(cable-connect) 2N.m

III Material and plating

Component	Material
Inner conductor	Spring Copper
Outer conductor	Brass
Ferrule	Copper
Nut	Brass
Gasket	Silicone rubber
Insulator	PTFE

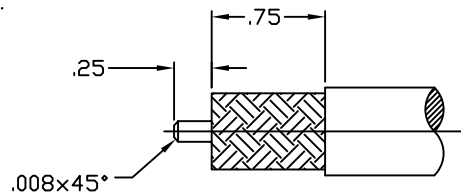
Plating
Ag 200 micro inches
Copper-tin-zin (Albaloy) 150 micro inches
Copper-tin-zin (Albaloy) 150 micro inches
Copper-tin-zin (Albaloy) 150 micro inches

IV Environment

Temp.range -55°C~+155°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 conductor installed and
outer conductor crimped

VI ROHS Compliant.



Recommended
cable stripping Dim's

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS	
	ALL DIMENSIONS ARE IN INCHES		DATE 3/31/10		
USED ON: 0			CHKD. J. D. B.	90° 7/16 MALE FOR LMR400 CABLE	
			DATE 5/17/10		
SCALE: ~	DWG. SIZE A		APPD. J. D. B.	1 of 1 SD3190-2545	
			DATE 5/17/10		
DO NOT SCALE DRAWING		CODE IDENT 68999	DATE 5/17/10	SH 1 of 1	REV A