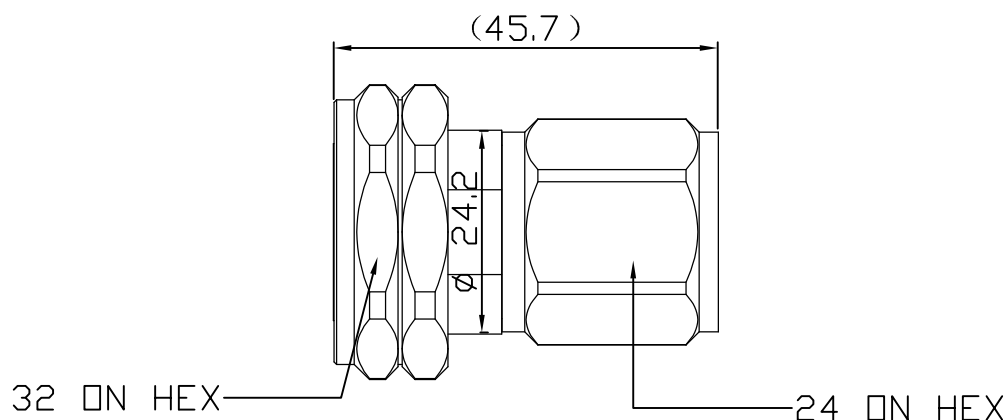


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	1/25/11	J.D.B.	2/2/11
B	CHANGED PER CDC #34511	D.J.H.	11/30/11	J.D.B.	12/1/11



Reference standard IEC60169-4

I. Electric Performance

Nominal Impedance(Ω): 50
Frequency Range: DC-6GHz
VSWR: ≤ 1.10 (DC-3G)
 ≤ 1.20 (3G-6G)
PIM(dBc) ≤ -160
INSERT LOSS: ≤ 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

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

III. Material and plating :

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

IV. Environment

Temp.range $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
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
Waterproofing standard IP68

V. Assembly: inner and outer conductor installed

VI. ROHS Compliant.

MATL:		UNLESS OTHERWISE SPECIFIED			DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS		
		ALL DIMENSIONS ARE IN mm			DATE 1/25/11			
USED ON: 0					CHKD. J. D. B.	EZ-SW540-716MC CONNECTOR, 7/16 MALE FOR LMR-SW540 CABLE		
					DATE 2/2/11			
					APPD. J. D. B.			
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 2/2/11	SHEET 1 of 1	SD3190-2622	REV B	