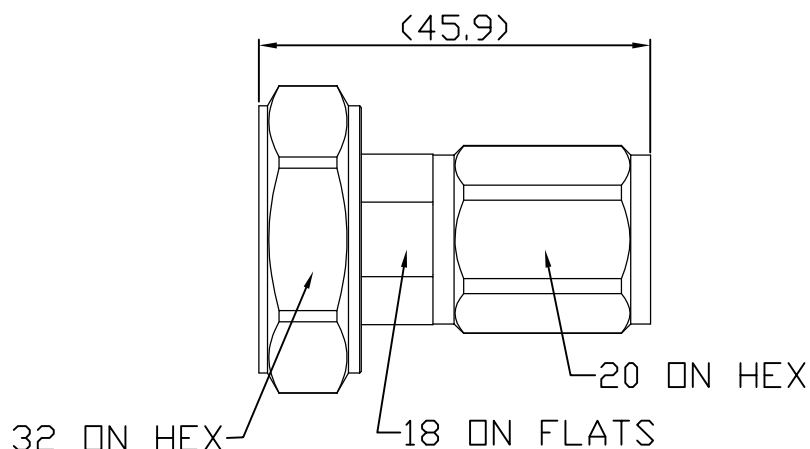


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	1/24/11	J.D.B.	2/2/11
B	CHANGED PER CDC #34511	D.J.H.	11/30/11	J.D.B.	12/1/11



Reference standard IEC60169-4

I. Electric Performance

Nominal Impedance(Ω): 50
Frequency Range: DC-3.8GHz
VSWR: ≤ 1.10
PIM(dBc) ≤ -160
INSERT LOSS: ≤ 0.05
Insulation resistance(M Ω) > 10000
Proof voltage(V) 2500
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) 4N.m

III. Material and plating :

Inner conductor	Spring Copper	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 -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
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 1/24/11			
			CHKD. J. D. B.	EZ-SW396-716MC CONNECTOR, 7/16 MALE FOR LMR-SW396 CABLE		
			DATE 2/2/11			
USED ON:			APPD. J. D. B.			
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 2/2/11	SHT 1 of 1	REV B