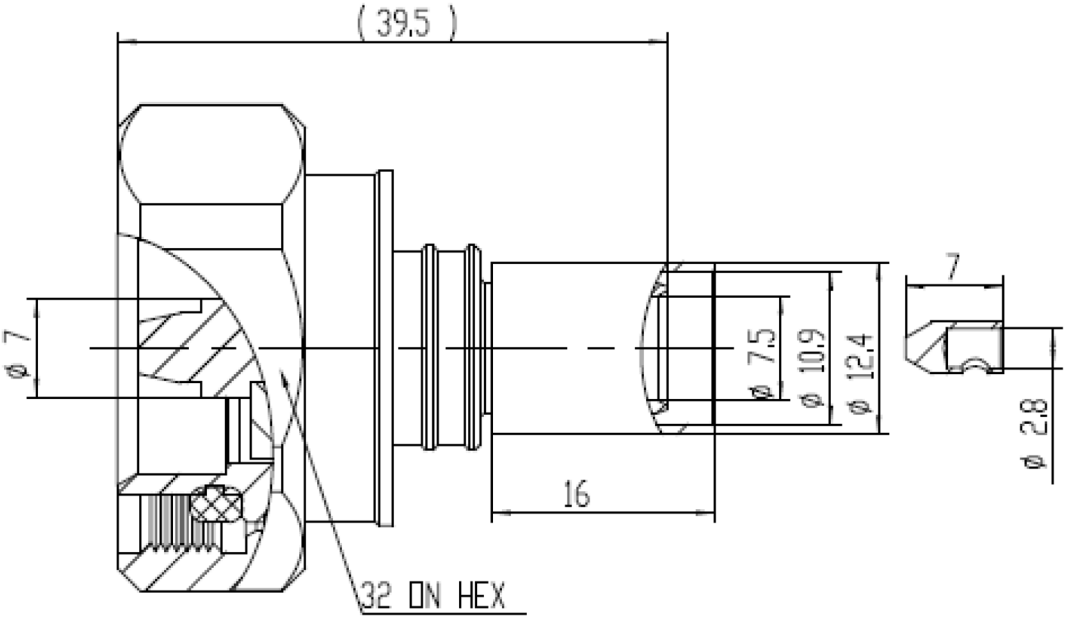
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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	K.A.M.	10/13/10	J.D.B.	10/18/10
B	CHANGED PER CDC #37110	N.N.N	2/21/13	J.D.B	2/21/13
C	CHANGED PER CDC #42268	N.N.N	5/21/15	J.D.B	5/27/15



REFERENCE STANDARD	IEC61169-4
1. ELECTRIC PERFORMANCE	
NOMINAL IMPEDANCE(Ω)	50
FREQUENCY RANGE	DC-6GHz
VSWR	≤1.30
INSERT LOSS	≤ 0.05(0-3G)
INSULATION RESISTANCE(MΩ)	≥10000
PROOF VOLTAGE(V)	2500
CONTACT RESISTANCE(mΩ)	OUTER CONDUCTOR <0.2 INNER CONDUCTOR<0.8
2. MECHANICAL PERFORMANCE	
NUT TORQUE	25N.m
(NUT)WHORL PULL	1000N
TENSILE FORCE(CABLE-CONNECTOR)	400N
TORSION(CABLE-CONNECTOR)	2N.m

3. MATERIAL AND PLATING		
INNER CONDUCTOR	SPRING COPPER	Ag5μm
OUTER CONDUCTOR	BRASS	COPPER-TIN-ZINC2μm
NUT	BRASS	COPPER-TIN-ZINC2μm
FERRULE	COPPER	COPPER-TIN-ZINC2μm
INSULATOR	PTFE	
O-RING	SILICONE RUBBER	
4. ENVIRONMENT		
TEMP.RANGE	-40℃~+85℃	
WEATHER STANDARD	IEC 60068 40 / 085/ 21	
THERMAL SHOCK	IEC 60068 -2-14-Na	
VIBRATION	IEC 60068-2-6-Fc	
SHOCK	IEC 60068-2-27	
WATERPROOFING STANDARD	IP67	
ROHS COMPLIANT		

5.ASSEMBLY: INNER CONDUCTOR INSTALLED AND OUTER CONDUCTOR CRIMPED

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM. K. A. M.	TIMES MICROWAVE SYSTEMS	
	ALL DIMENSIONS ARE IN mm	DATE 10/13/10		
	TOLERANCES:	CHKD. J. D. B.	CONNECTOR, TC-400-716M-X 7/16 MALE FOR LMR400 CABLE	
USED ON:	.X = ±0.2 .XX = ±0.1	DATE 10/18/10		
SCALE: ~ DWG. SIZE A	DO NOT SCALE DRAWING CODE IDENT 68999	APPD. J. D. B. DATE 10/18/10	SHT 1 of 1	SD3190-2597 REV C

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