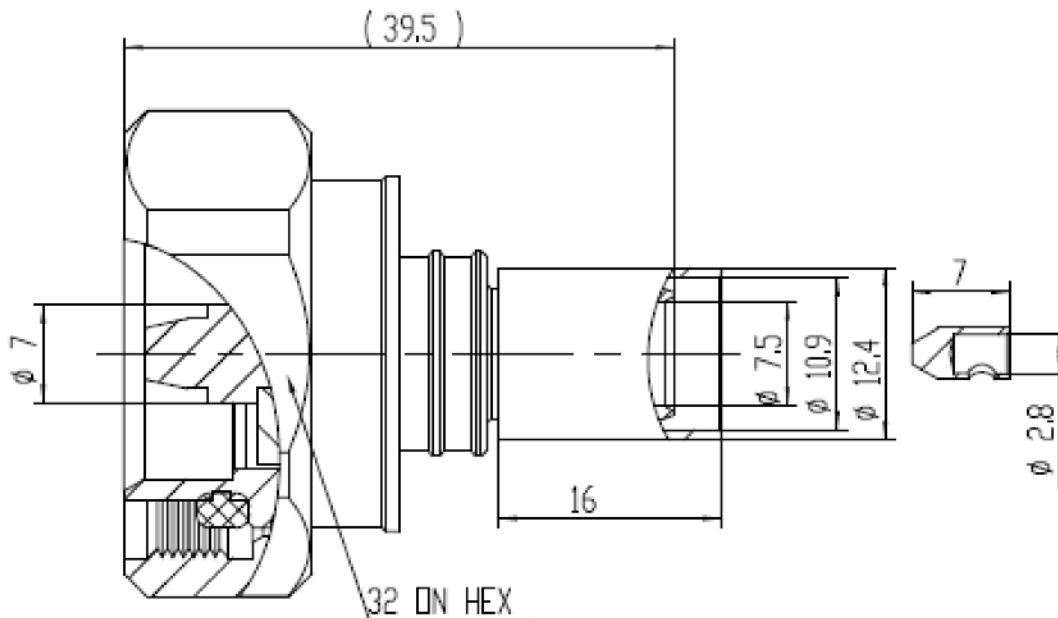


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

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
1. ELECTRIC PERFORMANCE
NOMINAL IMPEDANCE(Ω)
FREQUENCY RANGE
VSWR
INSERT LOSS
INSULATION RESISTANCE(MΩ)
PROOF VOLTAGE(V)
CONTACT RESISTANCE(mΩ)

IEC61169-4
50
DC-6GHz
≤1.30
≤0.05(0-3G)
≥10000
2500
OUTER CONDUCTOR <0.2
INNER CONDUCTOR<0.8

2. MECHANICAL PERFORMANCE
NUT TORQUE
(NUT)WHOLE PULL
TENSILE FORCE(CABLE-CONNECTOR)
TORSION(CABLE-CONNECTOR)

25N.m
1000N
400N
2N.m

3. MATERIAL AND PLATING
INNER CONDUCTOR
OUTER CONDUCTOR
NUT
FERRULE
INSULATOR
O-RING

SPRING COPPER Ag5μm
BRASS COPPER-TIN-ZINC2μm
BRASS COPPER-TIN-ZINC2μm
COPPER
PTFE
SILICONE RUBBER

4. ENVIRONMENT
TEMP.RANGE
WEATHER STANDARD
THERMAL SHOCK
VIBRATION
SHOCK
WATERPROOFING STANDARD
ROHS COMPLIANT

-40℃~+85℃
IEC 60068 40 / 085/ 21
IEC 60068 -2-14-Na
IEC 60068-2-6-Fc
IEC 60068-2-27
IP67

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			
USED ON:	TOLERANCES:		CHKD. J. D. B.	CONNECTOR, TC-400-716M-X 7/16 MALE FOR LMR400 CABLE		
	.X = ±0.2 .XX = ±0.1		DATE 10/18/10			
SCALE: ~	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 10/18/10	SHEET 1 of 1	SD3190-2597 REV C