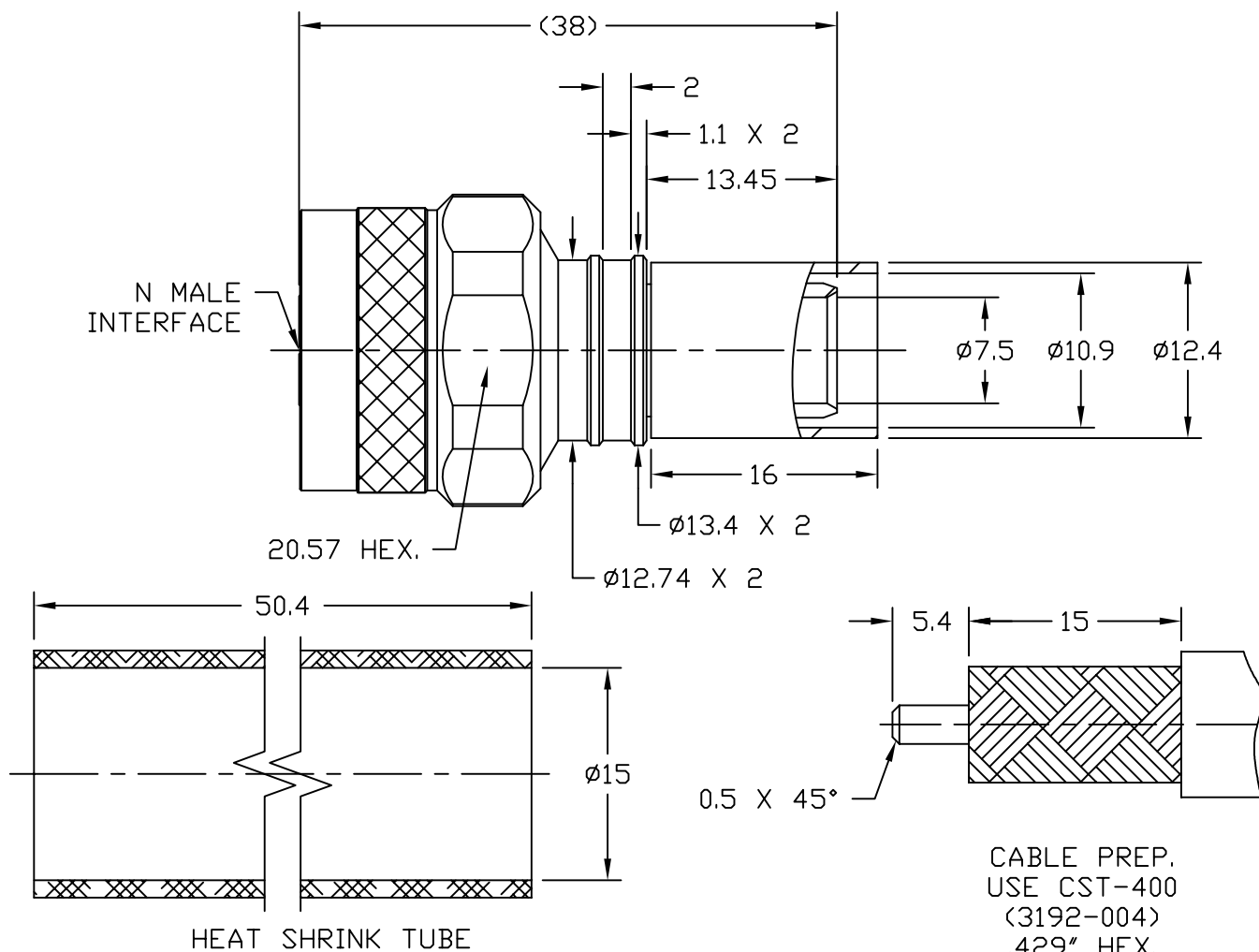


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED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

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	6/13/11	J. D. B.	6/27/11
B	CHANGED PER CDC #33920	D. J. H.	8/12/11	J. D. B.	8/15/11



Reference standard
I. Electric Performance

Impedance(Ω):
Frequency Range:
VSWR:
Insert Loss: (dB)
Insulation resistance (M Ω)
Work voltage (V)
Conductor resistance (m Ω)

IEC60169-16

50
DC-6GHz
 ≤ 1.25
 ≤ 0.05
>5000
1500
outer conductor <0.2
inner conductor <0.8

II. Mechanical Performance

Nut torque
(Nut) Whorl pull
Tensile force(cable-connect)
Torsion(cable-connect)

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

III. Material and plating:

Component

inner conductor
outer conductor
tube
nut
gasket
insulator

Material

Brass
Brass
Copper
Brass
Silicone rubber
PTFE

Plating

Au50 micro inches over nickel 100 over copper
copper tin-zinc 100-150 micro inches
copper tin-zinc 100-150 micro inches
copper tin-zinc 100-150 micro inches

IV. Environment

Temp.range
Weather standard
Thermal shock
Vibration
Shock
Waterproofing standard IP67

-55°C~+155°C

IEC 60068 55 / 155/ 56
US MIL-STD 202,Meth.107,Cond.B
US MIL-STD 202,Meth.204,Cond.B
US MIL-STD 202,Meth.213,Cond.I

V. Assembly: inner conductor installed and outer conductor crimped

MATL:		UNLESS OTHERWISE SPECIFIED		DFTM. D. J. H.		TIMES MICROWAVE SYSTEMS		
		ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS . XX ± N/A . XXX ± N/A ANGLES ± 1° FRACTIONS ± N/A		DATE 6/13/11				
CHKD. J. D. B.								
DATE 6/27/11								
APPD. J. D. B.								
USED ON: 0						EZ-400-NMH-X "N" MALE FOR LMR-400 CABLE EZ/CRIMP/NO BRAID TRIM		
SCALE: N/A		DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 6/27/11	SHEET 1 of 1	SD3190-2590	REV B