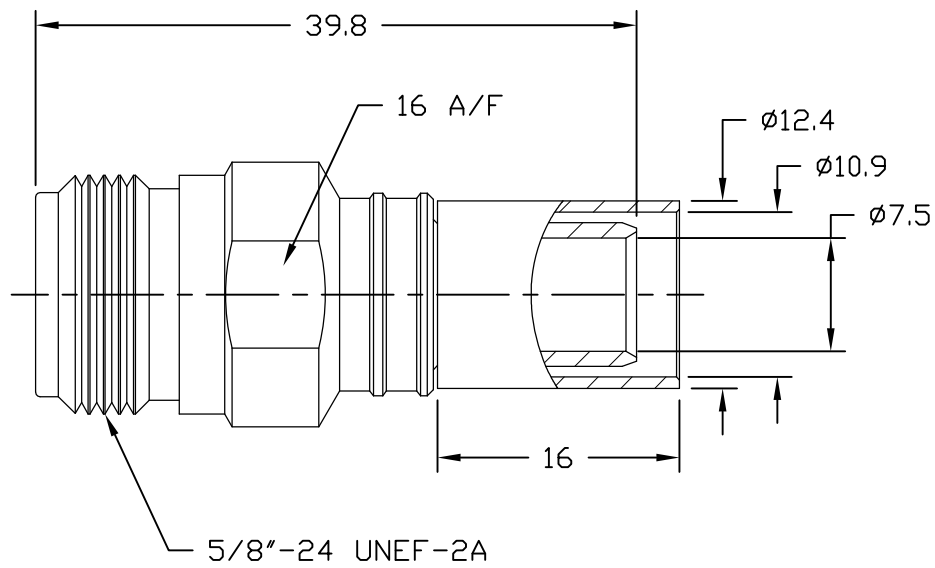
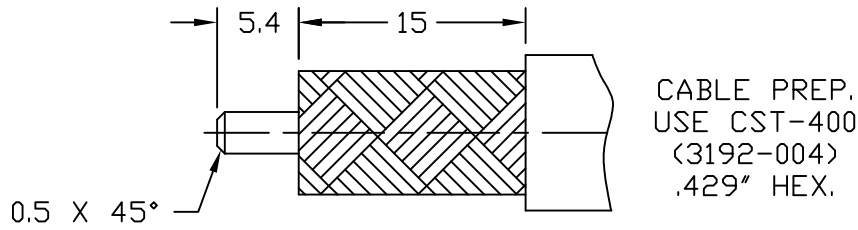


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	D. J. H.	12/12/12	J. D. B.	12/12/12



Reference Standard IEC60169-16

I. Electric Performance

Nominal Impedance( $\Omega$ ):	50
Frequency Range:	DC-6GHz
VSWR:	$\leq 1.30$
Insert Loss(dB):	$\leq 0.1(0-3\text{GHz})$
Insulation resistance(M $\Omega$ ):	$\geq 5000$
Proof Voltage(V)	1500
Conductor resistance(m $\Omega$ )	outer conductor <0.4 inner conductor <0.8

II. Mechanical Performance

Retention	$\geq 0.56\text{N}$
Mechanical Wear(hypo-)	500
Tensile force(cable-connector)	400N
Torsion(cable-connector)	2N.m

III. Material and plating

Component	Material	Plating
Inner conductor	Spring Bronze	Au 1.27 $\mu\text{m}$ over Chemistry Nickel 3 $\mu\text{m}$
Outer conductor	Brass	Copper-tin-zinc 2 $\mu\text{m}$
Tube	Copper	Copper-tin-zinc 2 $\mu\text{m}$
Insulator	PTFE	

IV. Environment

Temp. range	-55 $^{\circ}\text{C}$ ~+155 $^{\circ}\text{C}$
Weather standard	IEC 60068 55 / 155/ 56
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
ROHS Compliant	

V. Assembly: inner conductor installed and outer conductor crimped

MATERIAL:	UNLESS OTHERWISE SPECIFIED 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 $\pm$ N/A .XXX $\pm$ N/A ANGLES $\pm 1^{\circ}$ FRACTIONS $\pm$ N/A	DFTM. D. J. H.	TIMES MICROWAVE SYSTEMS
		DATE 12/12/12	
USED ON: O-1		CHKD. J. D. B.	<b>EZ-400-NF-X</b> N FEMALE FOR LMR-400 CABLE EZ/CRIMP/NO BRAID TRIM
		DATE 12/12/12	
SCALE: N/A	DWG. SIZE A	APPD. J. D. B.	SHEET 1 of 1
		DATE 12/12/12	
DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 12/12/12	REV. A