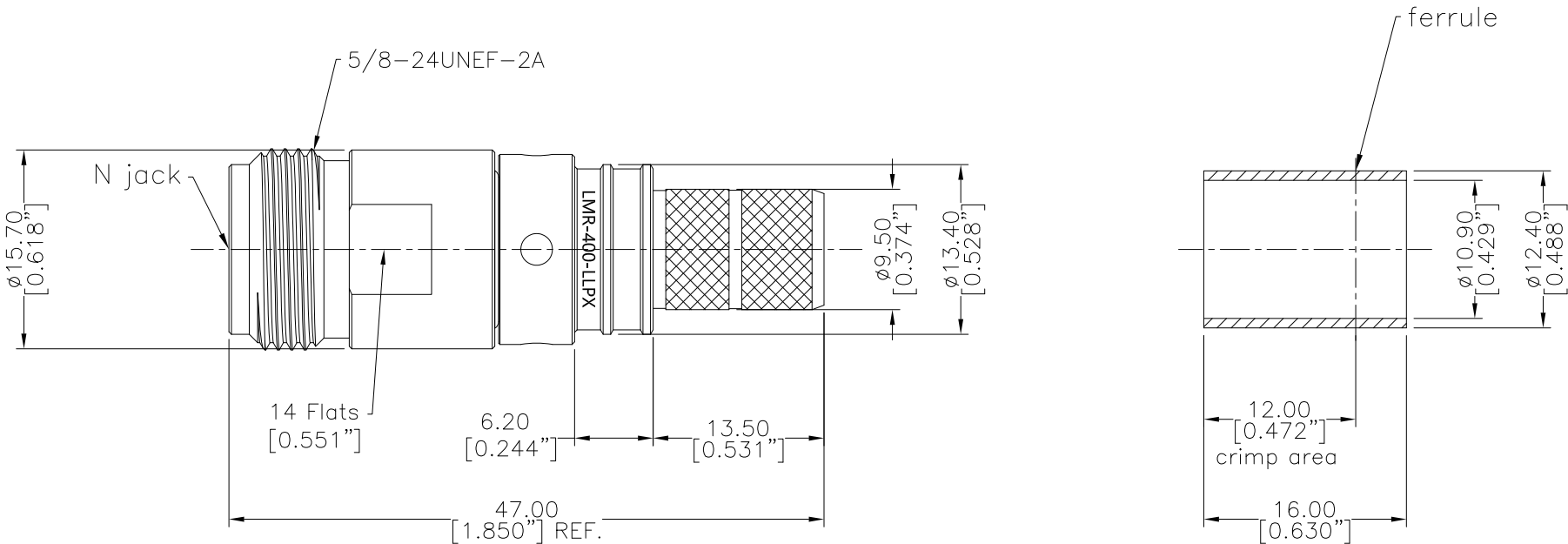


SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
A	RELEASED FOR PRODUCTION	Patrick	2020/04/15	Tony	2020/04/15



I. MATERIALS & FINISHES

Components	Materials	Finishes	Thk. (μ")
Body	Brass	Sn-Ni	100
Contact Pin	Beryllium Copper	Gold	50
Insulator	PTFE	—	—
Ferrule	Copper	Sn-Ni	100

II. ELECTRICAL PROPERTIES

Impedance:	50 Ω
Frequency Range:	DC to 8 GHz
Dielectric Withstanding Voltage:	2000 V rms
Insulation Resistance:	≥10000 MΩ
VSWR: DC to 6 GHz	≤1.30
6 to 8 GHz	≤1.35
Insertion Loss:	-0.1x√f(GHz) dB

All Material and Plating of Parts Meet TIMES Document: WI-RD-003

III. ENVIRONMENTAL PROPERTIES

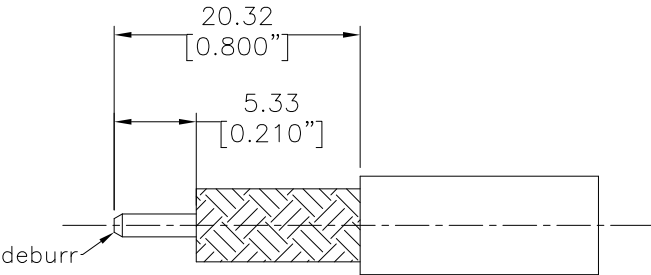
Temperature Range:	-40°C to +125°C
Thermal Shock:	MIL-STD-202, Meth.107, Cond. B
Vibration:	MIL-STD-202, Meth.204, Cond. B
Shock:	MIL-STD-202, Meth.213, Cond. G
Climatic Class:	IEC 60068 55/155/21
RoHS:	Compliant

V. TOOLINGS & ACCESSORIES

Stripping Tool:	3192-264/ CST-400-PX
Crimping Tool:	3190-666/ CT-400/300
Heat Shrink Tube:	3/4"x2" (3:1) 1 pcs

IV. MECHANICAL PROPERTIES

Center Contact:	Spring Finger
Outer Contact:	Crimp
Coupling Nut Torque:	6-10 in.lbs
Cbl-Connector Retention Force:	90 lbs
Durability:	500 Cycles



RECOMMENDED CABLE STRIPPING DIM'S
Connector Adds: 28.77 mm

Interface Compatible with Standard:
IEC 61169-16
MIL-STD-348

UNLESS OTHERWISE SPECIFIED				DFTM. Patrick		 EZ-400-NF-PL-X Type N Female (Jack) Straight Non-Solder Pin No Braid Trim Connector for LMR-400-LLPX Cable				
ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° D MAX. FILLET R. TOLERANCES ON DECIMALS .X ±0.15 .XX ±0.1 ANGLES ±2° FRACTIONS ± N/A  				DATE 2020/04/15						
				CHKD Monlca						
				DATE 2020/04/15						
				APPD Tony						
SCALE: N/A		DWG SIZE A3		DO NOT SCALE DRAWING		DATE 2020/04/15		SHT 1/1	3190-8183	REV A