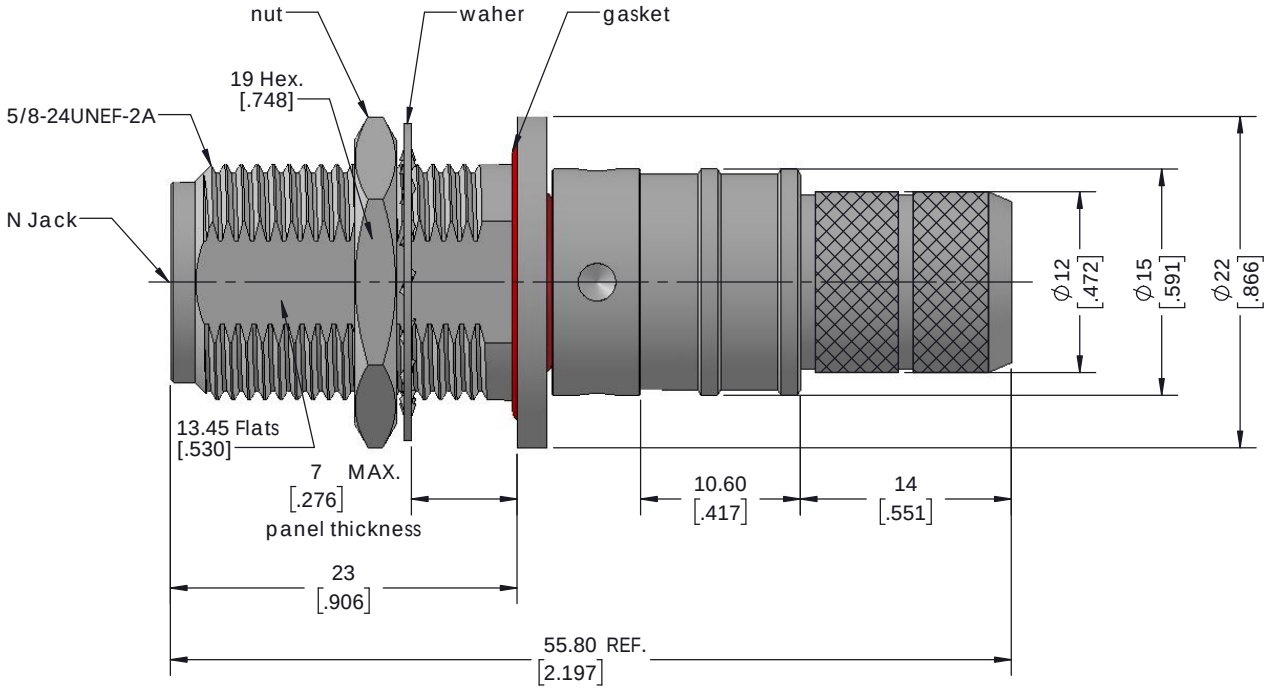
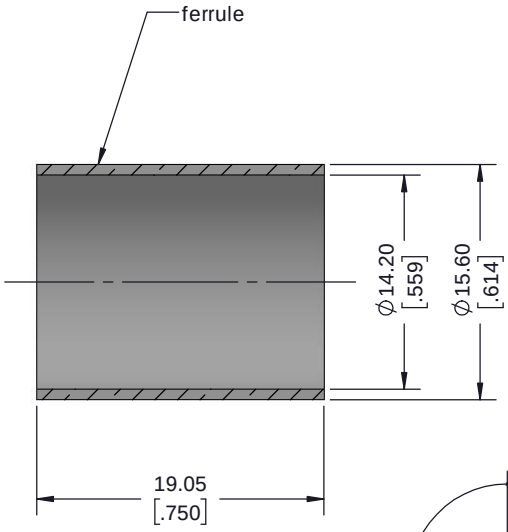
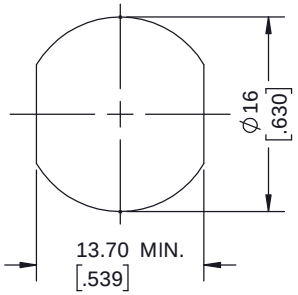
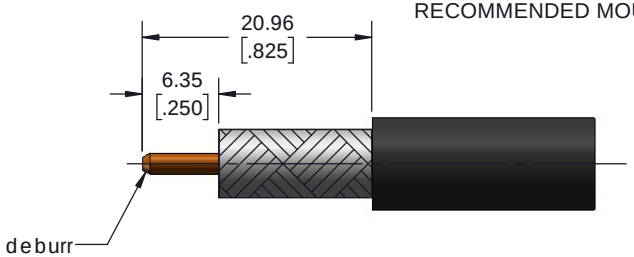
VER	Description	ECN	Name	Date
A	Initial Released	N/A	Patrick	2018/10/20







RECOMMENDED MOUNTING HOLE



RECOMMENDED CABLE STRIPPING DIM'S
Connector Adds: 35.9 mm

I. MATERIALS & FINISHES

Component	Material	Finishes	Thk. (u")
Body	Brass	Sn-Ni	100
Contact Pin	Beryllium Copper	Gold	50
Insulator	PTFE	--	--
Nut / Washer	Brass	Sn-Ni	100
Ferrule	Copper	Sn-Ni	100
Gasket	Silicone Rubber	--	--

II. ELECTRICAL PROPERTIES

Impendance (Ω):	50
Frequency Range (GHz):	DC~8 GHz
Dielectric Withstanding Voltage (V r.m.s):	2500
Insualation Resistance (MΩ):	≥10000
VSWR:	≤1.30 (DC~6 GHz)
	≤1.35 (6~8 GHz)
Insertion Loss (dB, f / GHz):	-0.1 x sqrt (f)

III. ENVIRONMENT PROPERTIES

Temperature Range:	-40℃~+125℃
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

IV. MECHANICAL PROPERTIES

Center Conductor:	Spring Captive
Outer Conductor:	Crimp
Couping Nut Torque (in·lbs):	6~10
Cable-Connector Retention Force (lbs):	180
Durability (Cycles):	500

V. Tooling & Accessories

Striping Tool: 3192-075/CST-500
Crimping Tool: 3192-169/CT-500
Heat Shrink Tube: 1"x2" (3:1) 1 pcs

Compatible with Standard: IEC 61169-16

UNLESS OTHERWISE SPECIFIED

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 ±0.1 .XX ±0.05
ANGLES ±2° FRACTIONS ± N/A

DFTM	Patrick
DATE	2018/10/20
CHKD	Monica
DATE	2018/10/20
APPD	Joslen
DATE	2018/10/20

TIMES MICROWAVE SYSTEMS
An Amphenol Company

EZ-500-NF-BH-X
Type N Female (Jack) Straight Non-Solder Pin No Braid Trim Bulkhead Connector for LMR-500 Cable

Scale:	3:1	Size:	A3	CODE IDENT	68999	SHT	1/1	3190-8028	REV	A