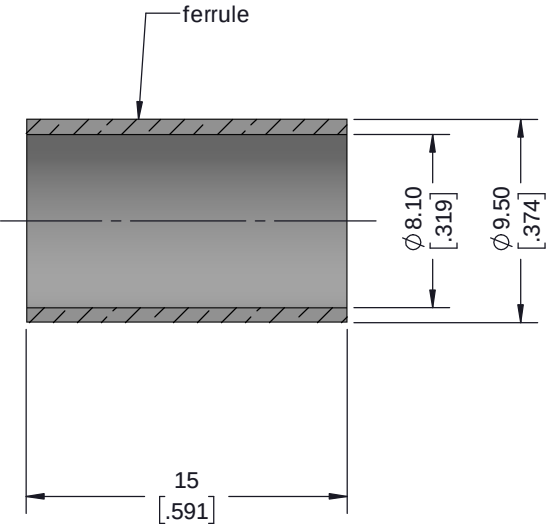
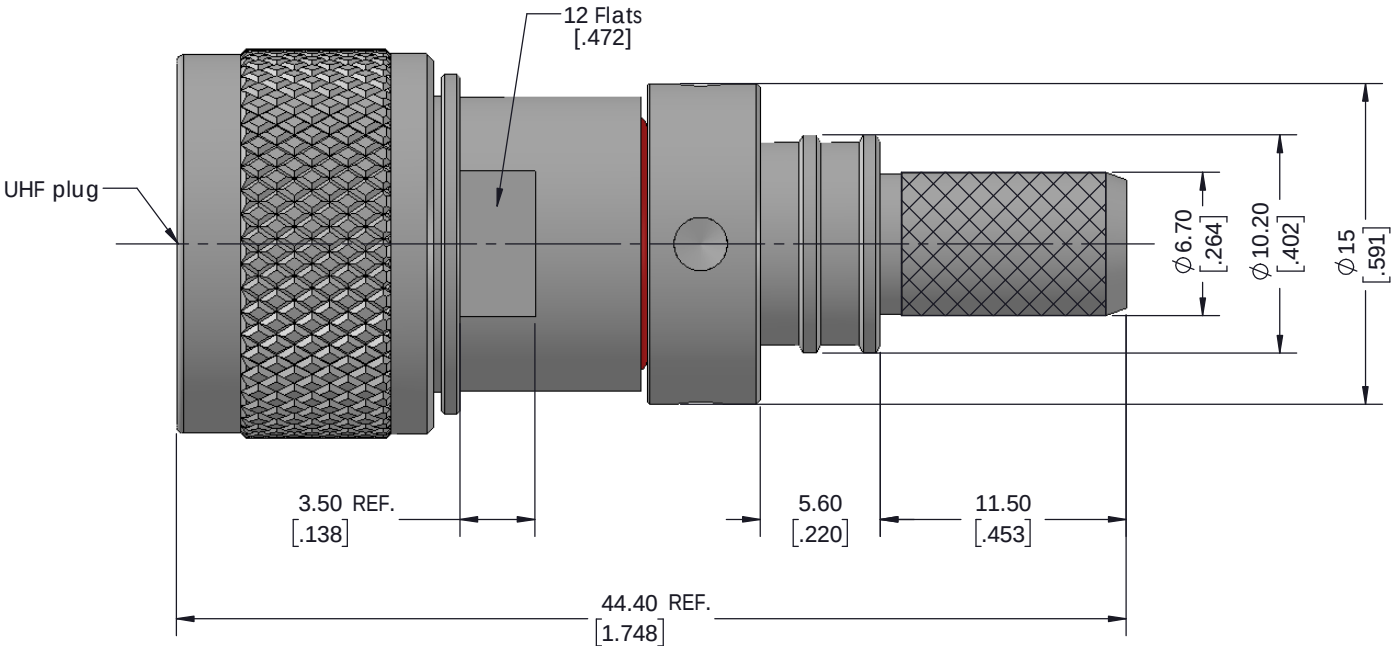


VER	Description	ECN	Name	Date
A	Initial Released	N/A	Patrick	2018/10/20

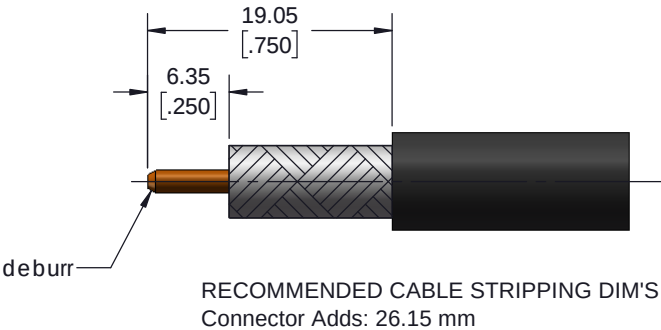


I. MATERIALS & FINISHES			
Component	Material	Finishes	Thk. (u")
Body	Brass	Sn-Ni	100
Contact Pin	Phosphor Bronze	Silver	200
Insulator	PTFE	--	--
Coupling Nut	Brass	Sn-Ni	100
Ferrule	Brass	Sn-Ni	100

II. ELECTRICAL PROPERTIES	
Impedance (Ω):	50
Frequency Range (GHz):	DC~3 GHz
Dielectric Withstanding Voltage (V r.m.s):	2000
Insulation Resistance (M Ω):	≥ 5000
VSWR:	≤ 1.30 (DC~2.45 GHz)
Insertion Loss (dB, f / GHz):	-0.1 x sqrt (f)

III. ENVIRONMENT PROPERTIES	
Temperature Range:	-40 $^{\circ}$ C~+125 $^{\circ}$ 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

IV. MECHANICAL PROPERTIES	
Center Conductor:	Spring Finger
Outer Conductor:	Crimp
Coupling Nut Torque (in-lbs):	N/A
Cable-Connector Retention Force (lbs):	90
Durability (Cycles):	500



V. Tooling & Accessories

Stripping Tool: 3192-084/CST-300

Crimping Tool: 3190-666/CT-400/300

Heat Shrink Tube: 1/2"x1.5" (3:1) 1 pcs

Compatible with Standard: IEC 60169-12

UNLESS OTHERWISE SPECIFIED						DFTM Patrick		TIMES MICROWAVE SYSTEMS An Amphenol Company EZ-300-UM-X UHF Male (Plug) Straight Non-Solder Pin No Braid Trim Connector for LMR-300 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 ±0.1 .XX ±0.05 ANGLES ±2° FRACTIONS ±N/A						DATE 2018/10/20						
						CHKD Monica						
						DATE 2018/10/20						
						APPD Joslen						
Scale:		4:1	Size:	A3	CODE IDENT	68999	DATE 2018/10/20	SHT	1/1	3190-8019	REV	A

Mouser Electronics

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