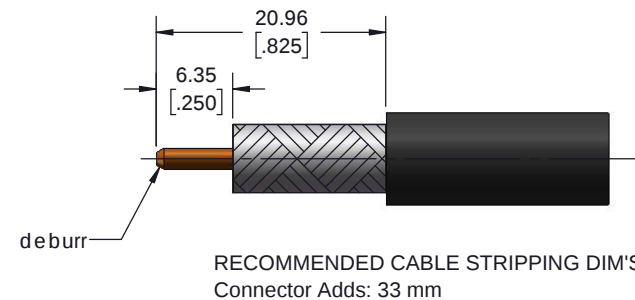
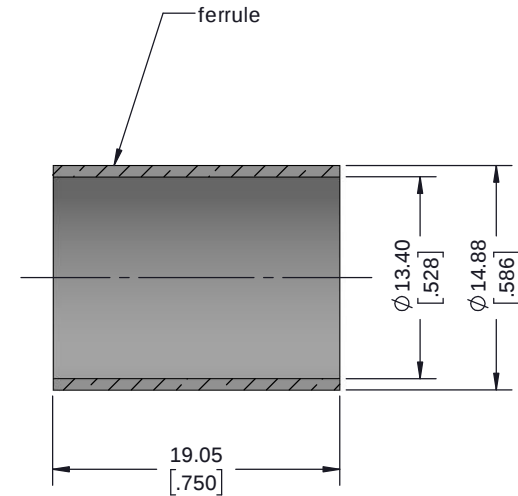
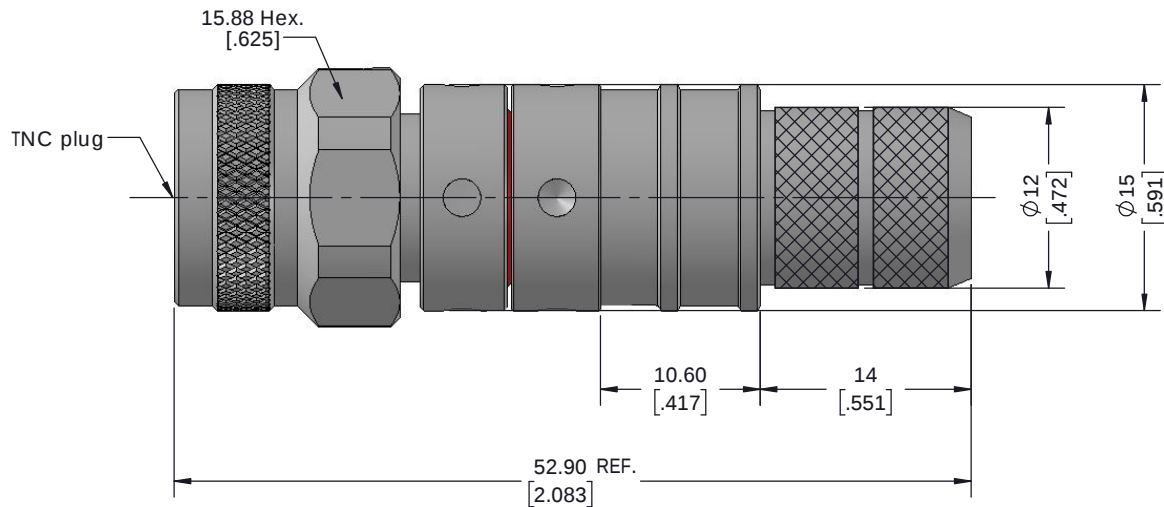


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VER	Description	ECN	Name	Date
A	Initial Released	N/A	Patrick	2018/10/20



I. MATERIALS & FINISHES

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

II. ELECTRICAL PROPERTIES

Impedance (Ω):	50
Frequency Range (GHz):	DC-8 GHz
Dielectric Withstanding Voltage (V r.m.s):	1500
Insulation Resistance (M Ω):	≥ 5000
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°C ~ +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

IV. MECHANICAL PROPERTIES

Center Conductor:	Spring Captive
Outer Conductor:	Crimp
Coupling Nut Torque (in-lbs):	4.1-6.1
Cable-Connector Retention Force (lbs):	180
Durability (Cycles):	500

V. Tooling & Accessories

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

Compatible with Standard: IEC 60169-17

UNLESS OTHERWISE SPECIFIED						DFTM Patrick		TIMES MICROWAVE SYSTEMS An Amphenol Company					
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		EZ-500-TM-X TNC Male (Plug) Straight Non-Solder Pin No Braid Trim Connector for LMR-500 Cable				
						APPD	Joslen						
						Scale:	3:1	Size:	A3	CODE IDENT	68999	DATE	2018/10/20