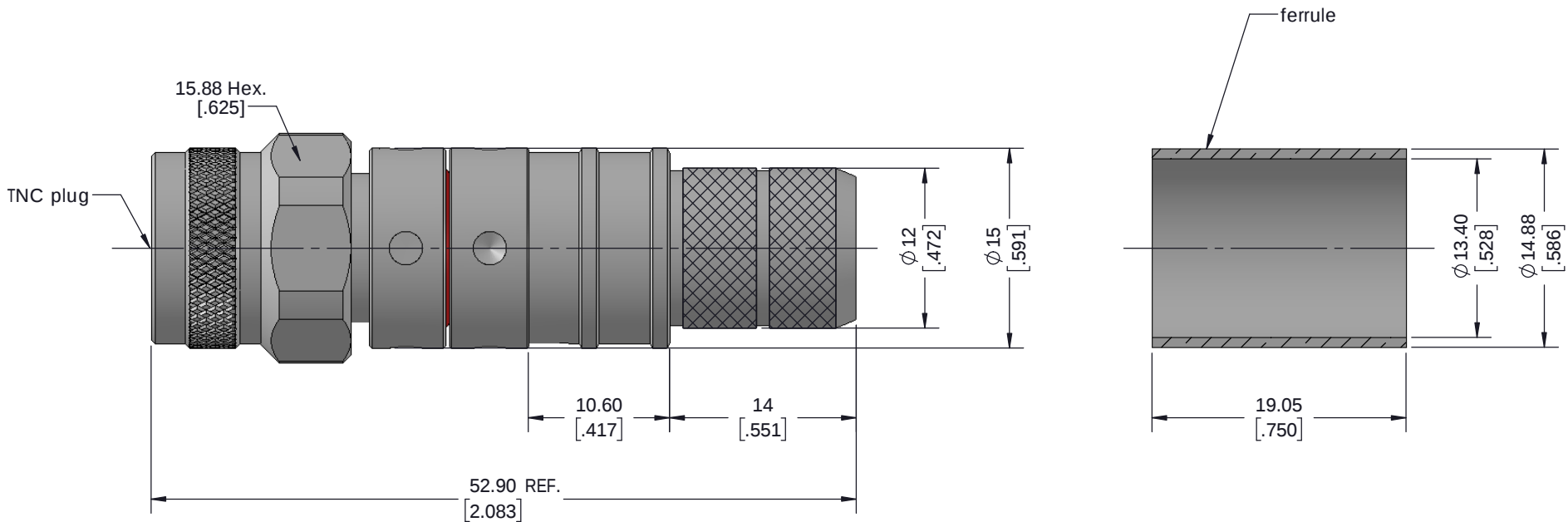


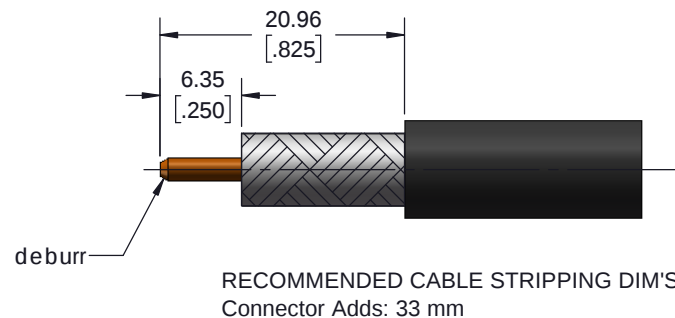
VER	Description	ECN	Name	Date
A	Initial Released	N/A	Patrick	2018/10/20



I. MATERIALS & FINISHES				II. ELECTRICAL PROPERTIES	
Component	Material	Finishes	Thk. (u")	Impedance (Ω):	50
Body	Brass	Sn-Ni	100	Frequency Range (GHz):	DC-8 GHz
Contact Pin	Beryllium Copper	Gold	50	Dielectric Withstanding Voltage (V r.m.s):	1500
Insulator	PTFE	--	--	Insulation Resistance (MΩ):	≥5000
Coupling Nut	Brass	Sn-Ni	100	VSWR:	≤1.30 (DC-6 GHz)
Ferrule	Copper	Sn-Ni	100		≤1.35 (6-8 GHz)
Gasket	Silicone Rubber	--	--	Insertion Loss (dB, f / GHz):	-0.1 x sqrt (f)

III. ENVIRONMENT PROPERTIES		IV. MECHANICAL PROPERTIES	
Temperature Range:	-40℃~+125℃	Center Conductor:	Spring Finger
Thermal Shock:	MIL-STD-202, Meth. 107, Cond. B	Outer Conductor:	Crimp
Vibration:	MIL-STD-202, Meth. 204, Cond. B	Coupling Nut Torque (in-lbs):	4.1-6.1
Shock:	MIL-STD-202, Meth. 213, Cond. G	Cable-Connector Retention Force (lbs):	180
Climatic Class:	IEC 60068 55/155/21	Durability (Cycles):	500
RoHS:	Compliant		

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		 An Amphenol Company EZ-500-TM-X TNC Male (Plug) Straight Non-Solder Pin No Braid Trim Connector for LMR-500 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:	3:1	Size:	A3	CODE IDENT	68999	DATE 2018/10/20	SHT	1/1	3190-8029	REV	A