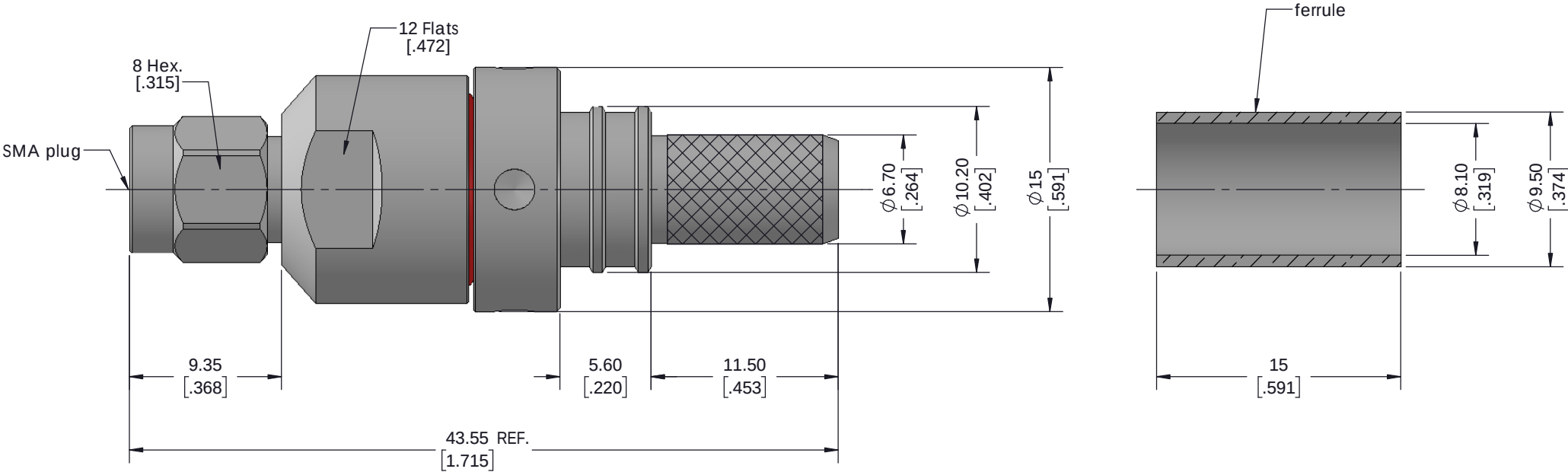


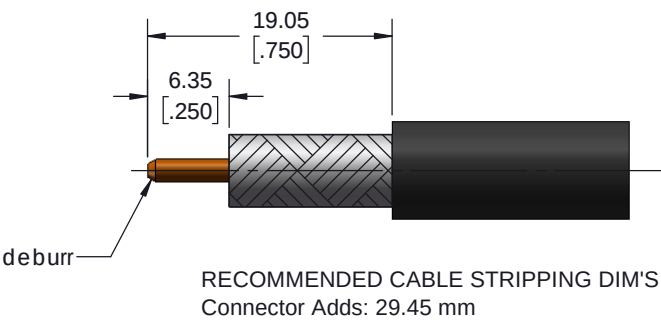
VER	Description	ECN	Name	Date
A	Initial Released	N/A	Patrick	2018/10/20



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):	1000
Insulator	PTFE	--	--	Insulation Resistance (MΩ):	≥5000
Coupling Nut	Brass	Sn-Ni	100	VSWR:	≤1.30 (DC~6 GHz)
Ferrule	Brass	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. D	Couping Nut Torque (in-lbs):	7.1~9.7
Shock:	MIL-STD-202, Meth. 213, Cond. I	Cable-Connector Retention Force (lbs):	90
Climatic Class:	IEC 60068 55/155/21	Durability (Cycles):	500
RoHS:	Compliant		

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 60169-15

UNLESS OTHERWISE SPECIFIED						DFTM Patrick		TIMES MICROWAVE SYSTEMS An Amphenol Company EZ-300-SM-X SMA 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	3190-8014	REV	A

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