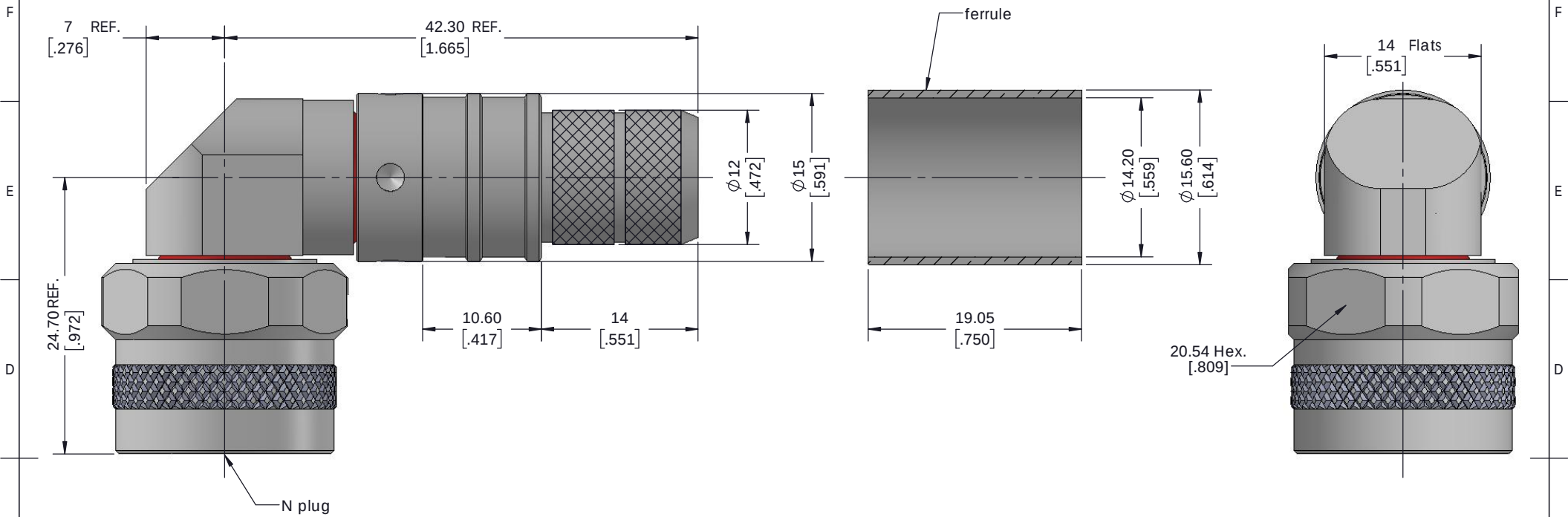


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NOTICE OF PROPRIETARY RIGHTS: THIS DOCUMENT CONTAINS CONFIDENTIAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

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):	2500
Insulation Resistance (M Ω):	≥ 10000
VSWR:	≤ 1.30 (DC-6 GHz)
	≤ 1.40 (6-8 GHz)
Insertion Loss (dB, f / GHz):	-0.1 x sqrt (f)

III. ENVIRONMENT PROPERTIES

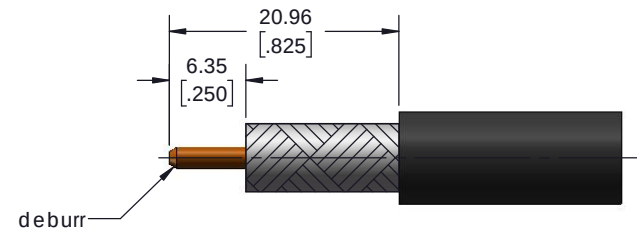
Temperature Range:	-40°C~+125°C
Thermal Shock:	MIL-STD-202, Meth. 107, Cond. B
Vibration:	MIL-STD-202, Meth. 204, Cond. B
Shock:	MIL-STD-202, Meth. 213, Cond. G
Climatic Class:	IEC 60068 55/155/21
RoHS:	Compliant

IV. MECHANICAL PROPERTIES

Center Conductor:	Spring Captive
Outer Conductor:	Crimp
Coupling Nut Torque (in-lbs):	6-10
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



RECOMMENDED CABLE STRIPPING DIM'S
Connector Adds: 22.4 mm

Compatible with Standard: IEC 61169-16

UNLESS OTHERWISE SPECIFIED				DFTM Patrick		 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 ± 0.15 ANGLES $\pm 2^\circ$ FRACTIONS $\pm N/A$				DATE	2018/10/20		
				CHKD	Monica		
				DATE	2018/10/20		
				APPD	Joslen	Type N Male (Plug) Right Angle Non-Solder Pin No Braid Trim Connector for LMR-500 Cable	
Scale:	3:1	Size:	A3	CODE IDENT	68999	DATE	2018/10/20
						SHT	1/1
							3190-8027
						REV	A