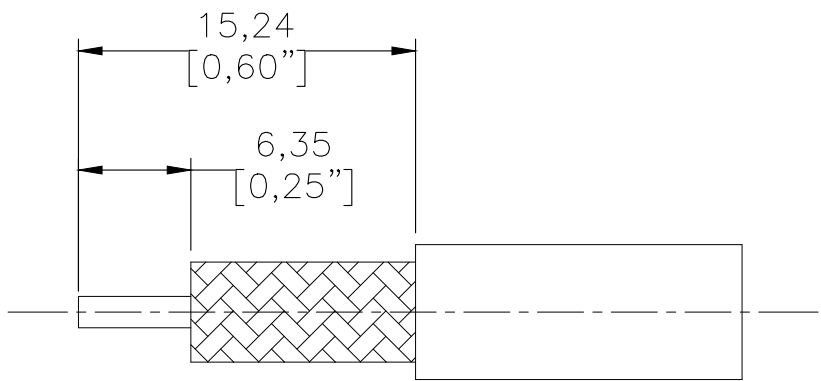
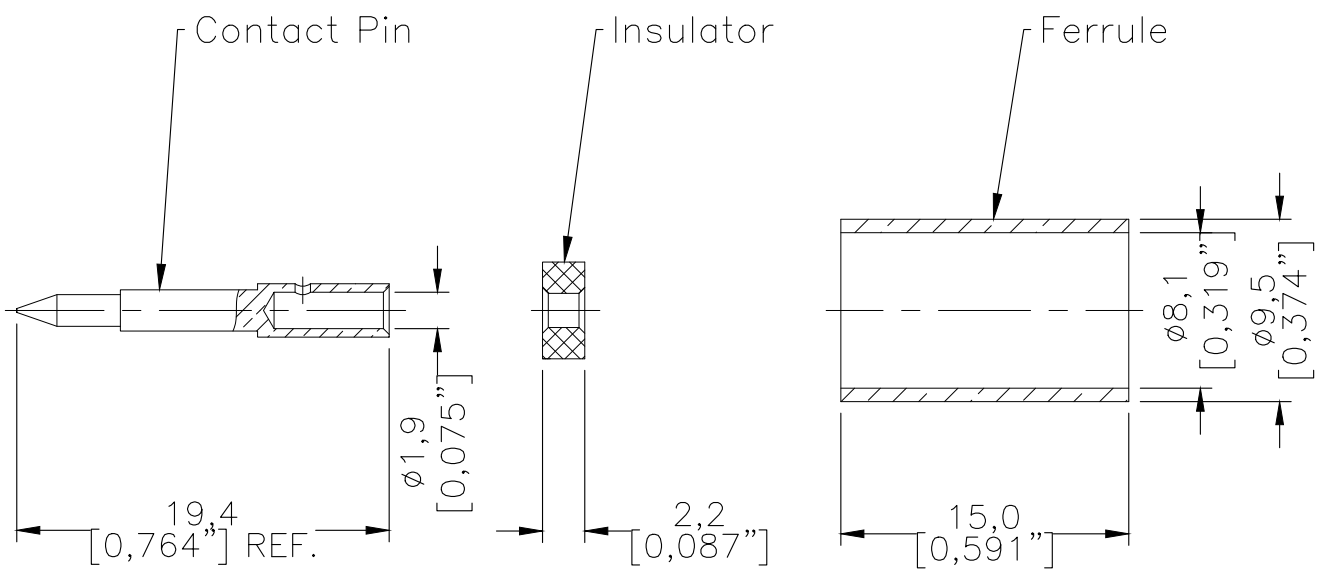
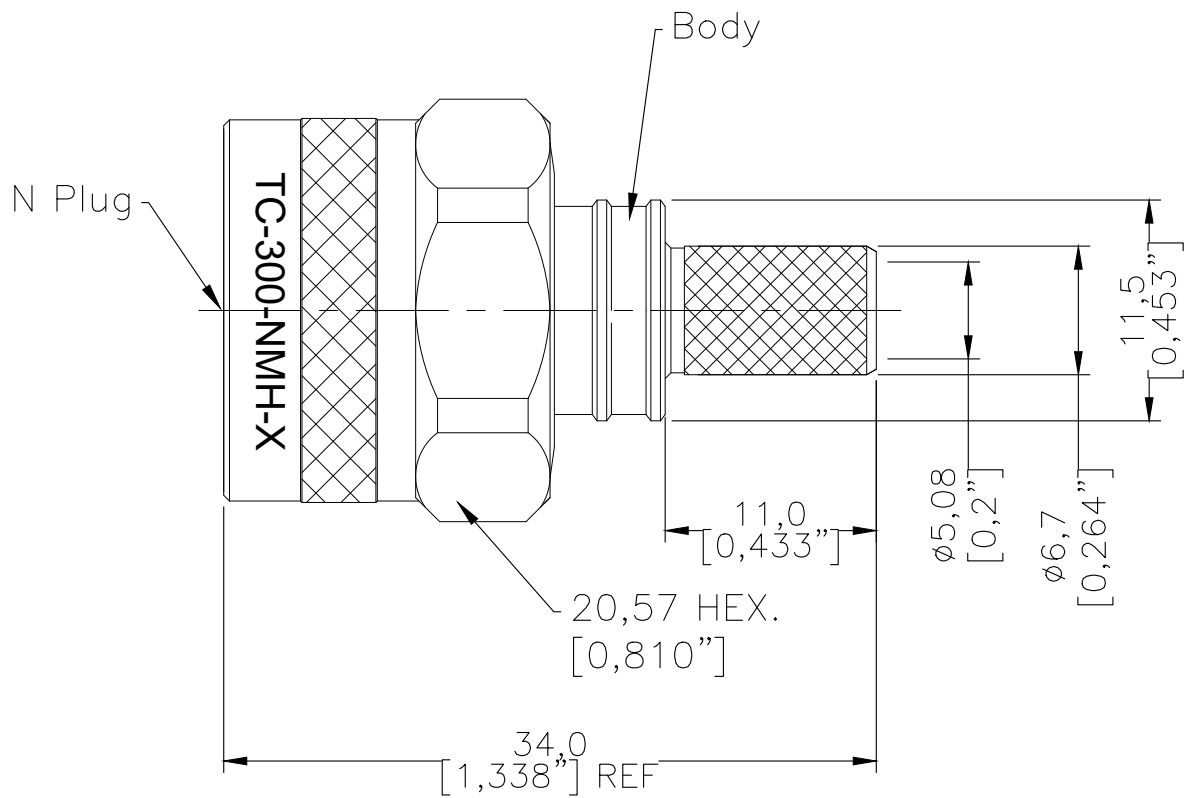


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	RELEASED FOR PRODUCTION	n.n.n	2013.05.13	J.D.B	2013.05.13
B	CHANGED PER CDC #37744	n.n.n	2013.05.28	J.D.B	2013.05.30
C	CHANGED PER CDC #49127	Monica	2019.04.11	Joslen	2019.04.11
D	CHANGED PER ECN-2021-2-002	Robert	2021.03.01	Tony	2021.03.01



RECOMMENDED CABLE STRIPPING DIM'S
Connector Adds: 16,5 mm

I. MATERIALS & FINISHES

Components	Materials	Finishes	Thk. (μ")
Body	Brass	Albaloy	80
Contact Pin	Beryllium Copper	Gold	50
Insulator	PTFE	--	--
Coupling Nut	Brass	Albaloy	80
Ferrule	Brass	Albaloy	80
Gasket	Silicone Rubber	--	--

II. ELECTRICAL PROPERTIES

Impedance:	50 Ω
Frequency Range:	DC to 6 GHz
Dielectric Withstanding Voltage:	1000 V rms
Insulation Resistance:	≥5000 MΩ
VSWR: DC to 6 GHz	≤1.30
Insertion Loss:	-0.1x√f(GHz) dB

III. ENVIRONMENTAL PROPERTIES

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

IV. MECHANICAL PROPERTIES

Center Contact:	Solder
Outer Contact:	Crimp
Coupling Nut Torque:	9-14 in.lbs
Cbl-Connector Retention Force:	90 lbs
Durability:	500 Cycles

V. TOOLINGS & 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

Interface Compatible with Standard:
IEC 61169-16
MIL-STD-348/304

MATL:	UNLESS OTHERWISE SPECIFIED 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 ±0.3 .XX ±0.15 ANGLES ±2° FRACTIONS ± N/A	DFTM. N.N.N	
		DATE 2013.05.13	
		CHKD J.D.B	
		DATE 2013.05.15	
USED ON: O	DO NOT SCALE DRAWING	APPD J.D.B	Type N Male (Plug) Straight Solder Pin No Braid Trim Connector for LMR-300 Cable
SCALE: N/A DWG SIZE A3		DATE 2013.05.15	
		SHT 1/1 3190-2861 REV D	