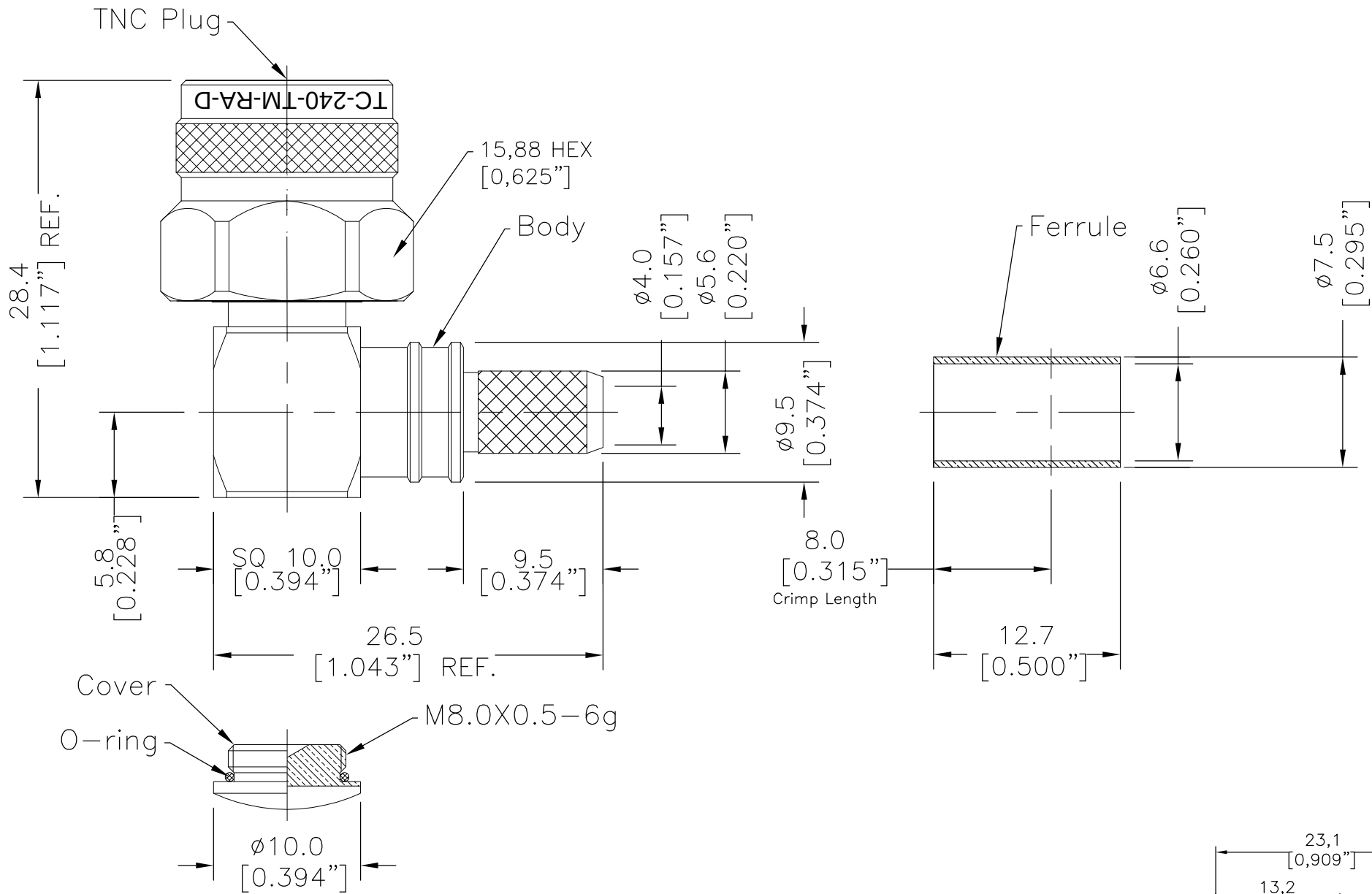


SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	RELEASED FOR PRODUCTION	Monica	2018.11.14	Joslen	2018.11.14



I. MATERIALS & FINISHES

Components	Materials	Finishes	Thk. (μ ")
Body	Brass	Albaloy	80
Center Cont.	Brass	Gold	50
Ferrule	Brass	Albaloy	80
Nut	Brass	Albaloy	80
Insulator	PTFE	--	--
Gasket	Silicone	--	--

III. ENVIRONMENT 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

V. TOOLING

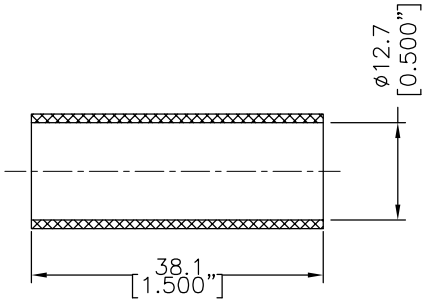
Crimping Tool: 3190-667/CT-240/200/100

II. ELECTRICAL PROPERTIES

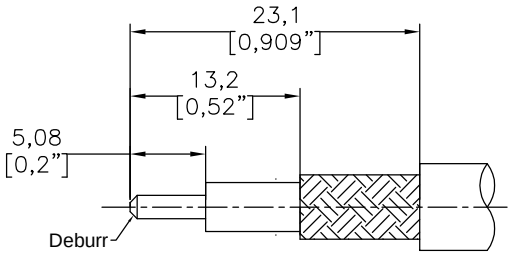
Impedance (Ω):	50
Frequency Range (GHz):	DC to 6 GHz
Dielectric Withstanding Voltage (V):	1000
Insulation Resistance (M Ω):	≥ 5000
VSWR:	≤ 1.35
Insertion Loss(dB, f/GHz):	-0.1x $\sqrt{f}$

IV. MECHANICAL PROPERTIES

Center Cont.:	Solder
Outer Cont.:	Crimp
Coupling Nut Torque (in.lbs):	8-12
Cbl-Connector Retention Force (lbs):	60
Durability (cycles):	500



Shrink Tube (1/2"x1.5" 3:1)



RECOMMENDED CABLE STRIPPING DIM'S
Connector adds: 4.2 mm

Interface Compatible with Standard:
IEC 60169-17
MIL-STD-348A/313

MATL:		UNLESS OTHERWISE SPECIFIED			DFTM.	Monica		 TC-240-TM-RA-D TNC Male (Plug) Right Angle Solder Pin Connector for LMR-240 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 ±0.3 .XX ±0.15 ANGLES ±2° FRACTIONS ± N/A			DATE	2018.11.14						
CHKD	Patrick											
DATE	2018.11.14											
USED ON: O					APPD	Joslen						
SCALE:	DWG	DO NOT SCALE DRAWING		CODE	DATE		SHT		1 OF 1	3190-6547	REV	A
N/A	SIZE A4			IDFNT	2018.11.14		1					