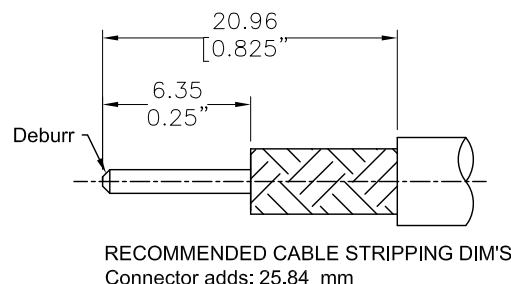
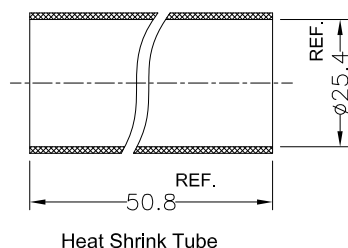
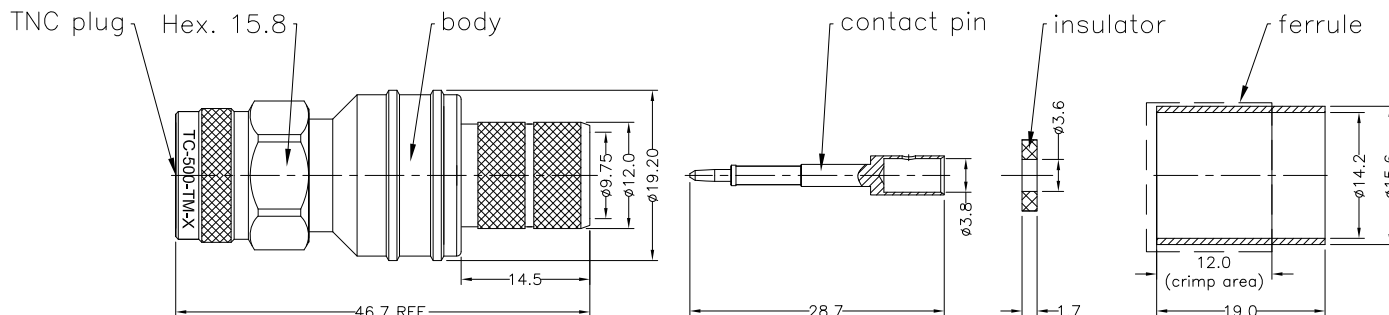


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	RELEASED FOR PRODUCTION	Joslen	2014.08.08	TZ	2014.08.08
B	Added mark	Joslen	05/24/2016	TZ	05/24/2016
C	Crimp Area Correction	Monica	05/08/2018	TZ	05/08/2018



I. MATERIALS & FINISHES

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

II. ELECTRICAL PROPERTIES

Impedance (Ω):	50
Frequency Range (GHz):	DC to 6 GHz
Dielectric Withstanding Voltage (V):	1000
Insulation Resistance (MΩ):	≥10000
VSWR:	≤1.30
Insertion Loss(dB, f/GHz):	-0.1x √f

III. ENVIRONMENT PROPERTIES

Temperature Range:	-55°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 55/155/56
(2002/95/EC)RoHS:	Compliant


IV. MECHANICAL PROPERTIES

Center Cont.:	Solder
Outer Cont.:	Crimp
Coupling Nut Torque (N.m):	1.1
Cbl-Connector Retention Force (N):	850
Durability (cycles):	500

V. TOOLING

Stripping Tool: 3192-075/CST-500
Crimping Tool: 3192-181/3190-465

Compatible with Standard: IEC 60169-17

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.	Joslen	 TC-500-TM-X TNC Male (Plug) Straight Solder Pin No Braid Trim Connector for LMR-500 Cable			
				DATE	05/24/2016				
				CHKD	KG				
				DATE	05/24/2016				
USED ON: O				APPD	TZ				
SCALE: N/A	DWG SIZE A4	DO NOT SCALE DRAWING	CODE IDENT	68999	DATE	05/24/2016	SHT 1 OF 1	3190-6009	REV C

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