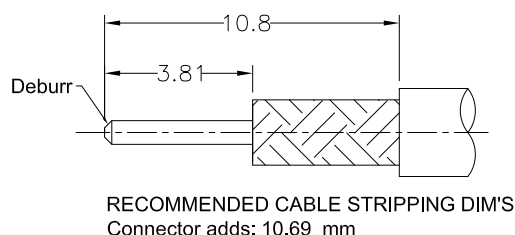
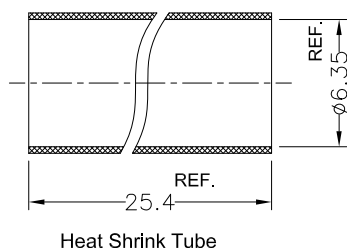
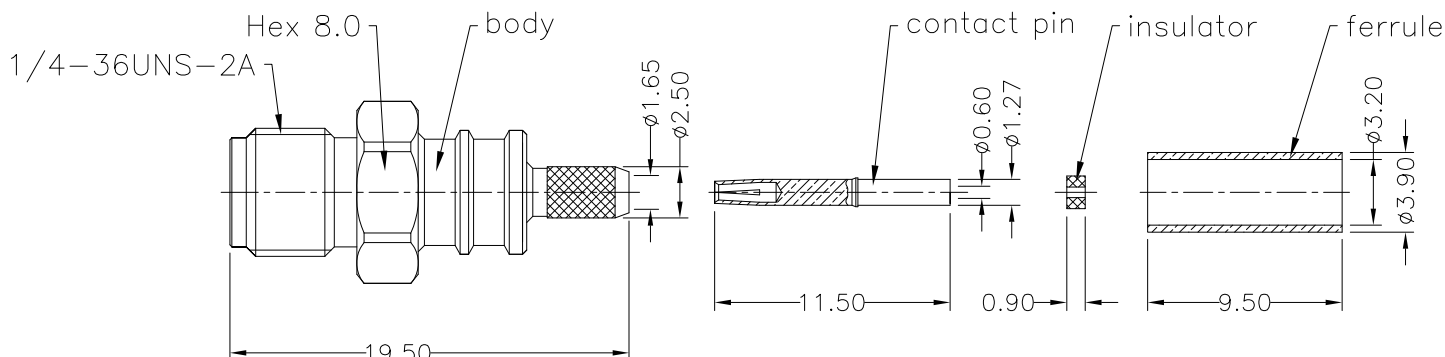


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
A	RELEASED FOR PRODUCTION	Joslen	2016.04.29	TZ	2016.04.29
B	Strip Dimension Correction	Monica	2017.12.26	TZ	2017.12.26



I. MATERIALS & FINISHES

Components	Materials	Finishes	Thk. (μ")
Body	Brass	Nickel	100
Center Cont.	QBe2	Gold	15
Ferrule	Brass	Nickel	100
Insulator	PTFE	—	—

II. ELECTRICAL PROPERTIES

Impedance (Ω):	50
Frequency Range (GHz):	DC to 6 GHz
Working Voltage (V):	500
Insulation Resistance (MΩ):	≥5000
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):	1.0
Cbl-Connector Retention Force (N):	100
Durability (cycles):	500

V. TOOLING

Stripping Tool: N/A
Crimping Tool: N/A

Compatible with Standard: IEC 60169-15

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	 SC-100-SF SMA Female (Jack) Straight Solder Pin Connector for LMR-100A Cable			
				DATE	2016.04.29				
				CHKD	KG				
				DATE	2016.04.29				
USED ON: O				APPD	TZ				
SCALE: N/A	DWG SIZE A4	DO NOT SCALE DRAWING	CODE IDENT	68999	DATE	2016.04.29	SHT 1 OF 1	3190-6277	REV B