
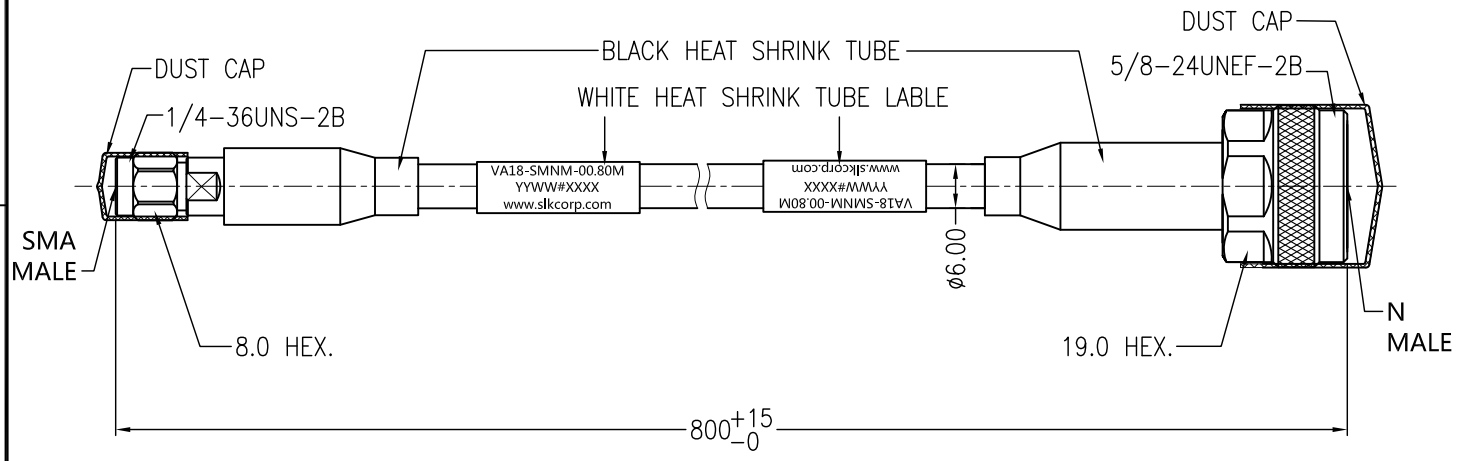
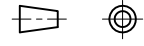



1	2	3	4	5	6
REV. 0	DESCRIPTION FIRST EDITION	ECN NO. N/A	NAME Liu	DATE 2020-04-16	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES		ELECTRICAL CHARACTERISTICS	
SMA MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION	Impedance	50 Ω
	CONTACT PIN	BERYLLIUM COPPER	GOLD/COPPER	Voltage rating	250 V(rms)
	INSULATOR	PTFE ASTM-D-1710	N/A	Frequency range	0 ~ 18 GHz
N MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION	Dielectric withstanding voltage	> 750 V
	CONTACT PIN	BERYLLIUM COPPER	GOLD/COPPER	Insulation resistance	> 5000 MΩ
	INSULATOR	PEI	N/A	Insertion loss	< 2.17 dB
CABLE	Cable With Red/Black PTFE Stainless Steel Spring Armor			RF- leakage	> 90 dB
				VSWR	< 1.30
				Mechanical phase stability	< ±5°
				Mechanical amplitude stability	< ±0.1 dB
				3rd Intermodulation	N/A
MECHANICAL CHARACTERISTICS				ENVIRONMENTAL CHARACTERISTICS	
MIN. bending radius, static		30 mm		Temperature range	-40 °C ~ +85 °C
MIN. bending radius, repeated		60 mm			
Cable retention force		> 40 lbs			
Coupling nut retention force			> 60 lbs (SMA)		
			> 100 lbs (N)		
Recommended coupling torque			7~10 in-lbs(SMA)		
			9~14 in-lbs(N)		
Durability			> 500 cycles		

*CUSTOMER OUTLINE DRAWING			THIRD ANGLE PROJECTION 		
UNLESS OTHERWISE SPECIFIED: 1) EDGES: C0.15 MAX 2) REMOVE ALL BURRS 3) SURFACE ROUGHNESS: Ra0.8 4) UNITS:mm 5) DIMENSIONS TOLERANCES DECIMALS .x ±0.3 .xx ±0.2 .xxx±0.1 ANGLES ±5°			APPROVED:	CUSTOMER P/N:	
			CHECKED:	SCALE:	DRAWING NO. :
			DRAWING:	DATE: 2020-04-16	VA18-SMNM-00.80M
			COMPANY WEBSITE : www.slkcorp.com		

CUSTOMER OUTLINE DRAWING