
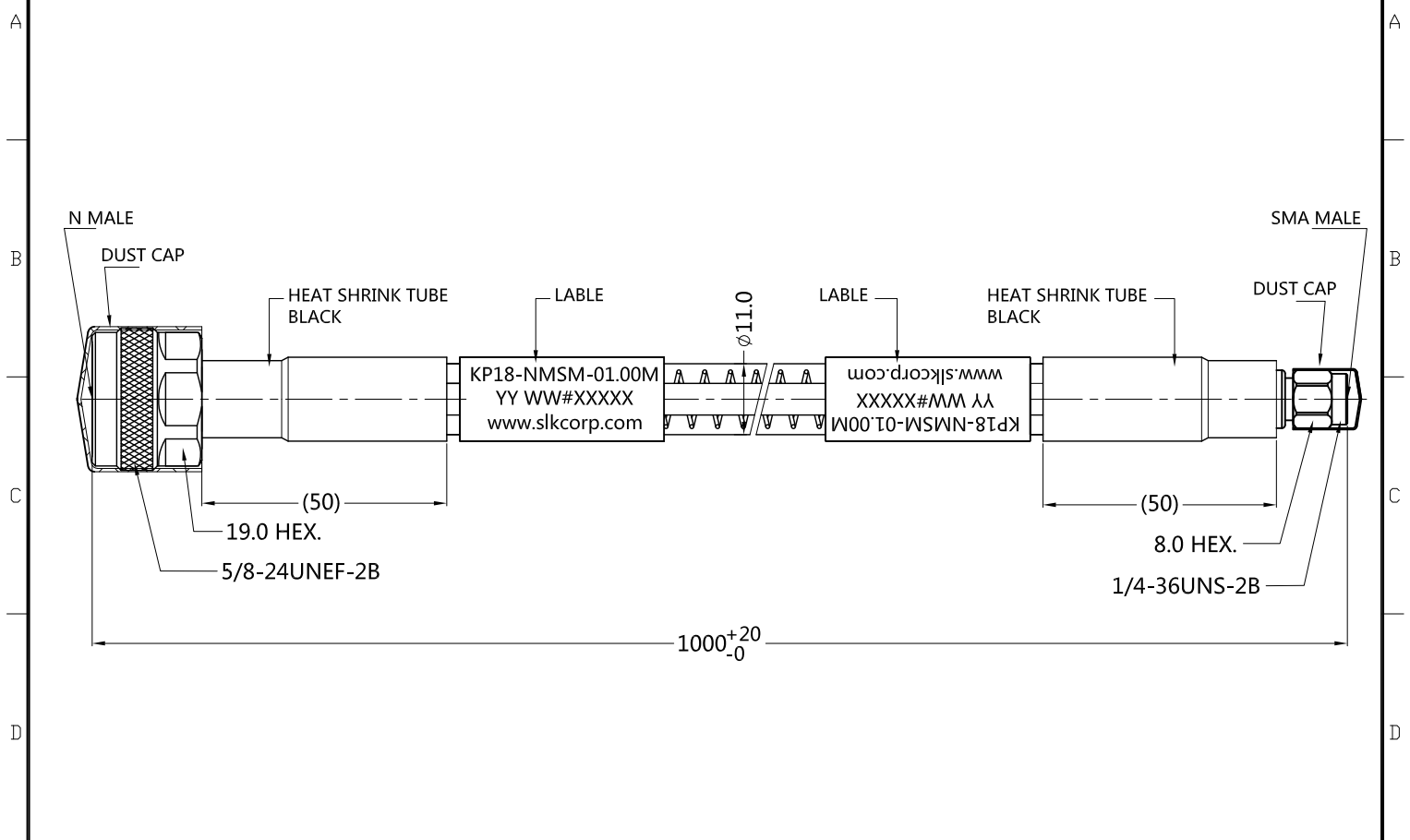




REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	Liu	2020-07-01	



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	175 V(rms)
	INSULATOR	PTFE ASTM-D-1710	N/A	FREQUENCY RANGE	DC ~ 18 GHz
N MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION	DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
	CONTACT PIN	BERYLLIUM COPPER	GOLD/COPPER	INSULATION RESISTANCE	> 5000 MΩ
	INSULATOR	PEI		INSERTION LOSS	< 2.9 dB
CABLE	TEST CABLE, FEP BLUE JACKET			RF- LEAKAGE	> 90 dB
ARMOUR	STAINLESS STEEL SPRING + PVC Armor			VSWR	< 1.30
MECHANICAL CHARACTERISTICS				MECHANICAL PHASE STABILITY	< ±5°
MIN. BENDING RADIUS, STATIC		54 mm		MECHANICAL AMPLITUDE STABILITY	< ±0.1 dB
MIN. BENDING RADIUS, REPEATED		108 mm		3RD INTERMODULATION	N/A
CABLE RETENTION FORCE		> 40 lbs		ENVIRONMENTAL CHARACTERISTICS	
COUPLING NUT RETENTION FORCE		> 60 lbs (SMA) > 100 lbs (N)		TEMPERATURE RANGE	-40 °C ~ +85 °C
RECOMMENDED COUPLING TORQUE		7~10 in-lbs (SMA) 9~14 in-lbs (N)			
DURABILITY		> 500 cycles			

CUSTOMER OUTLINE DRAWING

*CUSTOMER OUTLINE DRAWING			THIRD ANGLE PROJECTION 		 TITLE: N MALE S/T TO SMA MALE S/T FOR TEST CABLE DRAWING NO. : KP18-NMSM-01.00M COMPANY WEBSITE : www.slkcorp.com
UNLESS OTHERWISE SPECIFIED:		APPROVED:	CUSTOMER P/N:		
1) EDGES: C0.15 MAX		CHECKED:	SCALE: 1:1		
2) REMOVE ALL BURRS		DRAWING:	DATE: 2020-07-01		
3) SURFACE ROUGHNESS: Ra0.8		COMPANY WEBSITE : www.slkcorp.com			
4) UNITS:mm					
5) DIMENSIONS TOLERANCES					
DECIMALS .x ±0.3 .xx ±0.2 .xxx ±0.1					
ANGLES ±5°					