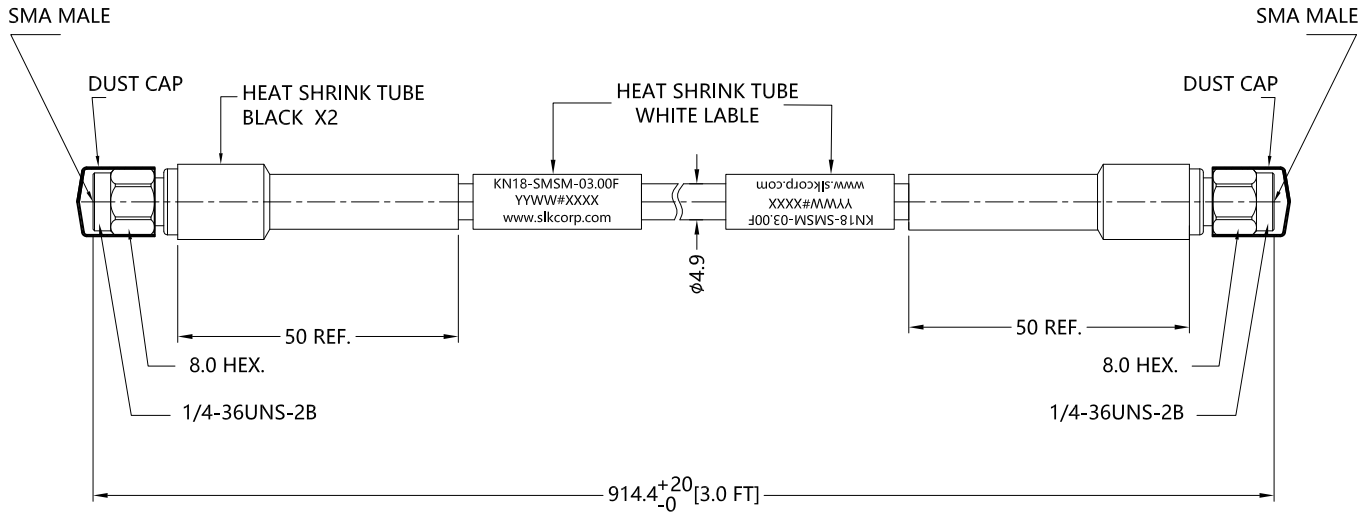
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Liu	2020-11-11

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES	
SMA MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	CONTACT PIN	BERYLLIUM COPPER	GOLD/COPPER
	INSULATOR	PTFE ASTM-D-1710	N/A
CABLE	TEST CABLE,FEP BLUE JACKET		

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	0 ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>1000 V
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	<2.65 dB
RF- LEAKAGE	>90 dB
VSWR	<1.25
MECHANICAL PHASE STABILITY	<±5°
MECHANICAL AMPLITUDE STABILITY	<±0.1 dB
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
MIN. BENDING RADIUS, STATIC	20 mm
MIN. BENDING RADIUS, REPEATED	50 mm
CABLE RETENTION FORCE	>40 lbs
COUPLING NUT RETENTION FORCE	>60 lbs
RECOMMENDED COUPLING TORQUE	7~10 in-lbs
DURABILITY	> 500 cycles

ENVIRONMENTAL CHARACTERISTICS	
TEMPERATURE RANGE	-40 ℃~+85 ℃

CUSTOMER OUTLINE DRAWING

*CUSTOMER OUTLINE DRAWING

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°

THIRD ANGLE PROJECTION

APPROVED:	CUSTOMER P/N: -
CHECKED:	SCALE: 1:1
DRAWING:	DATE: 2020-11-11

SUPERLINK

TITLE: SMA MALE S/T TO SMA MALE S/T FOR TEST CABLE

DRAWING NO. : KN18-SMSM-03.00F

COMPANY WEBSITE : www.slkcorp.com