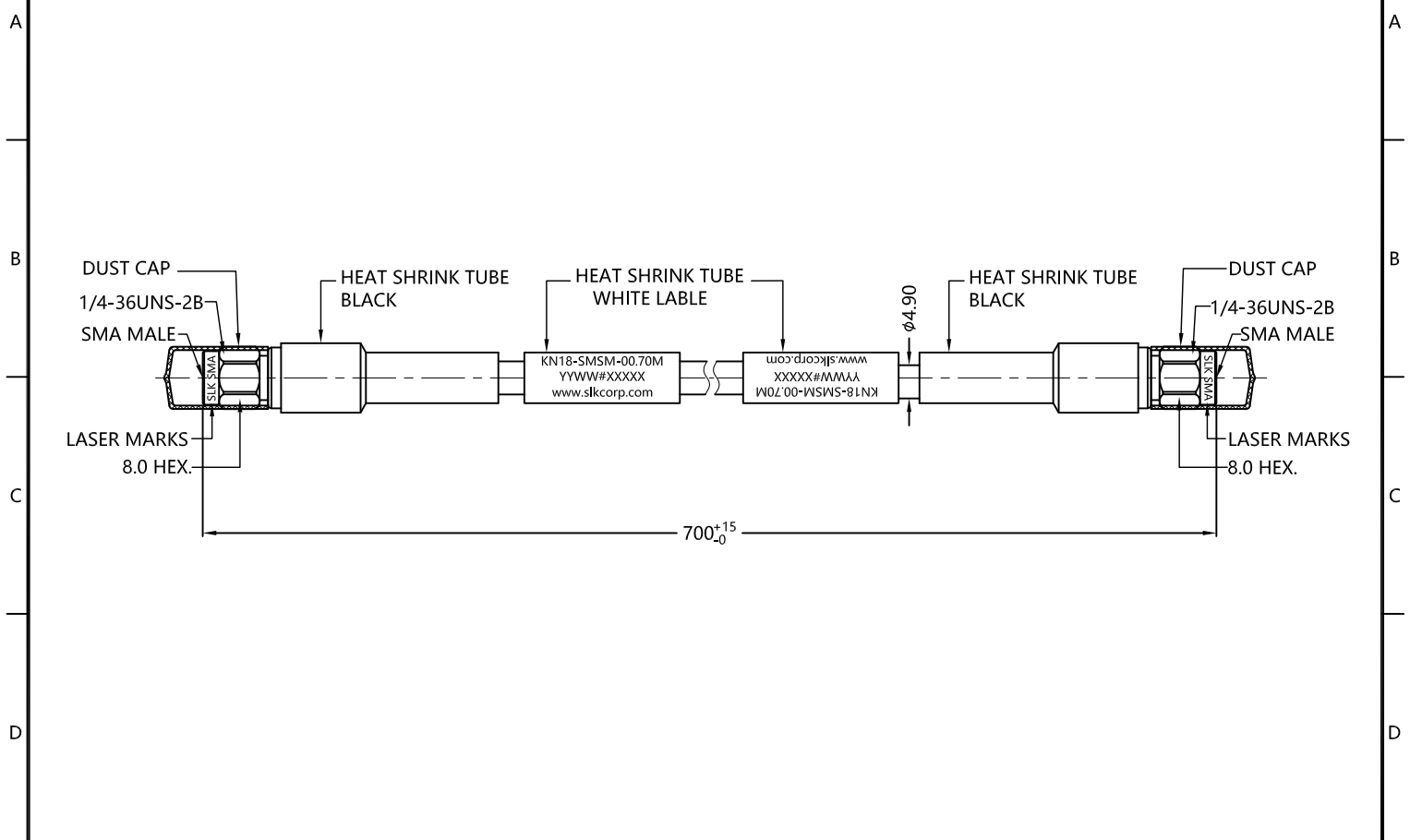


1	2	3	4	5	6
REV.	DESCRIPTION	ECN NO.	NAME	DATE	
0	FIRST EDITION	N/A	YWD	2021-08-16	



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	335 V(rms)		
	INSULATOR	PTFE ASTM-D-1710	N/A	FREQUENCY RANGE	DC ~ 18 GHz		
CABLE	TEST CABLE			DIELECTRIC WITHSTANDING VOLTAGE	>1000 V		
				INSULATION RESISTANCE	>5000 MΩ		
				INSERTION LOSS	<2.0 dB		
				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		50 mm					
CABLE RETENTION FORCE		>30 lbs					
COUPLING NUT RETENTION FORCE		>60 lbs					
RECOMMENDED COUPLING TORQUE		7~10 in-lbs					
DURABILITY		> 500 cycles					

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:	
DRAWING:	DATE:	
	2021-08-16	
COMPANY WEBSITE : www.slkcorp.com		

TITLE: SMA MALE S/T TO SMA MALE S/T FOR TEST CABLE  
 DRAWING NO. : KN18-SMSM-00.70M