
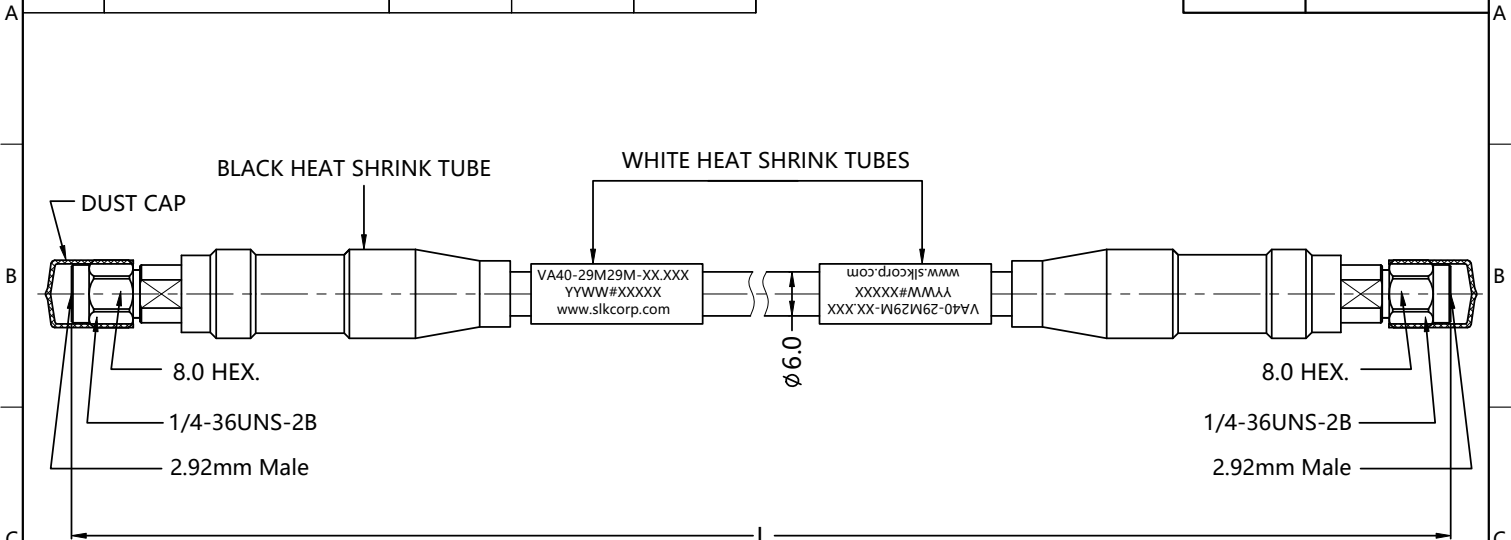


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
2	Add Different Length	N/A	YWD	2021-06-04	
3	UPDATED THE DRAWING	N/A	YWD	2022-08-18	



NO.	DRAWING NO.	L(LENGTH,mm)	L(LENGTH,INCH .REF)	INSERTION LOSS(db)
10	VA40-29M29M-03.00M	3000 ⁺⁵⁰ ₀	119.1	<9.5
9	VA40-29M29M-02.50M	2500 ⁺⁵⁰ ₀	99.4	<8.0
8	VA40-29M29M-02.00M	2000 ⁺³⁰ ₀	79.3	<6.5
7	VA40-29M29M-01.50M	1500 ⁺³⁰ ₀	59.6	<5.1
6	VA40-29M29M-04.00F	1220 ⁺³⁰ ₀	48.0	<4.2
5	VA40-29M29M-01.00M	1000 ⁺²⁰ ₀	39.8	<3.6
4	VA40-29M29M-03.00F	914 ⁺²⁰ ₀	36.0	<3.3
3	VA40-29M29M-02.00F	610 ⁺¹⁰ ₀	24.0	<2.5
2	VA40-29M29M-00.60M	600 ⁺¹⁰ ₀	23.8	<2.4
1	VA40-29M29M-00.50M	500 ⁺¹⁰ ₀	19.9	<2.1

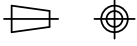

MATERIALS AND PLATING UNIT: MICRO-INCHES			
PART TYPE	PART NAME	MATERIALS	PLATING
2.92mm MALE	BODY/SHELL	STAINLESS STEEL	PASSIVATION
	INSULATOR	PEI	N/A
	CONTACT PIN	BERYLLIUM COPPER	GOLD
CABLE	TEST CABLE		
ARMOR	PTFE STAINLESS STEEL SPRING ARMOR(BLACK+RED)		

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 40 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>750 V
INSULATION RESISTANCE	>1000 MΩ
INSERTION LOSS	See Tables
VSWR	<1.30
RF- LEAKAGE	>90 dB
MECHANICAL PHASE STABILITY	<±5°
MECHANICAL AMPLITUDE STABILITY	<±0.05 dB

MECHANICAL CHARACTERISTICS	
MIN. BENDING RADIUS ,STATIC	30 mm
MIN. BENDING RADIUS ,REPEATED	60 mm
RECOMMENDED COUPLING TORQUE	5.3~8.9 in-lbs
COUPLING NUT RETENTION FORCE	>60 lbs
CABLE RETENTION FORCE	>60 lbs
CRUSH RESISTANCE	40 KN/M
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C~+85 °C

CUSTOMER OUTLINE DRAWING

* CUSTOMER OUTLINE DRAWING		THIRD ANGLE PROJECTION 			
UNLESS OTHERWISE SPECIFIED: 1) EDGES : N/A ; 2) REMOVE ALL BURRS : N/A ; 3) SURFACE ROUGHNESS : N/A ; 4) UNITS : mm ; 5) DIMENSIONS TOLERANCES DECIMALS : .x ±5, .xx ±2, .xxx±1; ANGLES : ±10°.		APPROVED :	CUSTOMER P/N :		TITLE : 2.92mm MALE S/T TO 2.92mm MALE S/T FOR TEST CABLE
		CHECKED :	SCALE : 1 : 1		DRAWING NO. :
		DRAWING :	DATE : 2022-08-18		VA40-29M29M-XX.XXX(SEE TABLE)
COMPANY WEBSITE : www.slkcorp.com					