
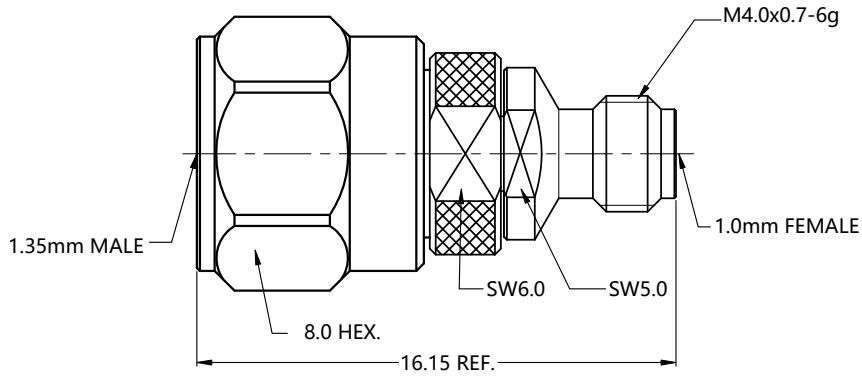


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	LEI CHAO	2021-04-23	
1	UPDATE DRAWING	N/A	Liu	2021-09-07	



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	STAINLESS STEEL	PASSIVATION
INSULATOR	PEEK	N/A
CONTACT PIN	Be-Cu C17300	GOLD 20-50 μ " / NICKEL 30 μ "
SHELL	STAINLESS STEEL	PASSIVATION

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	150 V(rms)
FREQUENCY RANGE	DC ~ 90 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT < 4.0 m Ω
	OUTER CONTACT < 1.0 m Ω
INSULATION RESISTANCE	> 5000 M Ω
INSERTION LOSS	< 0.08 \sqrt{F} (GHz) dB
VSWR	< 1.35 @ DC-90GHz

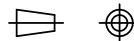
MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 6 lbs(26N)
RECOMMENDED COUPLING TORQUE	7.1~8.9 in-lbs
COUPLING NUT RETENTION FORCE	> 68 lbs
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 $^{\circ}$ C ~ +125 $^{\circ}$ C
SALT MIST	48 h

*** CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED:
 1) EDGES : C0.15 MAX ;
 2) REMOVE ALL BURRS ;
 3) SURFACE ROUGHNESS : Ra1.6 ;
 4) UNITS : mm ;
 5) DIMENSIONS TOLERANCES
 DECIMALS : .x \pm 0.3 .xx \pm 0.2 .xxx \pm 0.1 ;
 ANGLES : \pm 5 $^{\circ}$.

THIRD ANGLE PROJECTION



APPROVED :

CUSTOMER P/N :

CHECKED :

SCALE :

4: 1

DRAWING :

DATE : 2021-09-07

PAGE : 1/1



TITLE : 1.35mm MALE TO
1.0mm FEMALE S/T ADAPTER,50 Ω

DRAWING NO. :
T-5T1F06S-T2M-001

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING