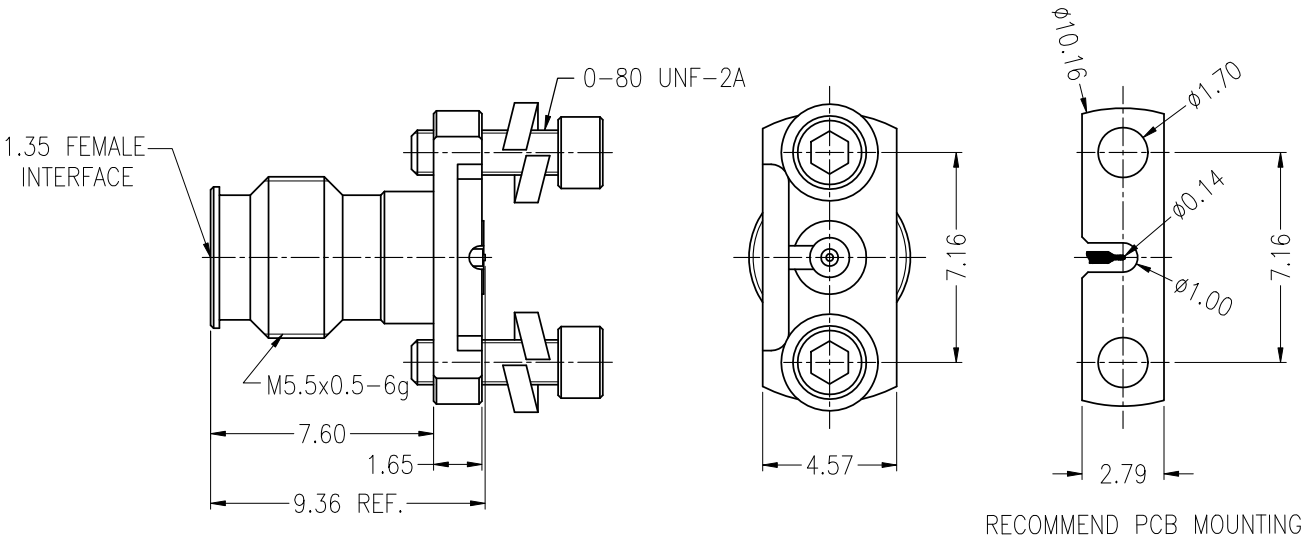
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	LEI CHAO	2021-04-23

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY	STAINLESS STEEL 316F	PASSIVATION
INSULATOR	PEEK	N/A
CONTACT PIN	BERYLLIUM COPPER	GOLD PL.50u"/ NICKEL/COPPER

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 mΩ
	OUTER CONTACT	<1.0 mΩ
INSULATION RESISTANCE		>1000 MΩ
INSERTION LOSS		<0.10*√F (GHz) dB
VSWR		<1.50
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>3 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃~+125 ℃

CUSTOMER OUTLINE DRAWING

* 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 ±0.3 .xx ±0.2 .xxx±0.1;
ANGLES : ± 5°.

THIRD ANGLE PROJECTION

APPROVED :	CUSTOMER P/N : –
CHECKED :	SCALE : 4: 1
DRAWING :	DATE : 2021-04-23
	PAGE : 1/1

SLK SUPERLINK

TITLE : 1.35mm FEMALE S/T WITH 2 HOELS FLANGE, FOR PCB VERTICAL LAUNCH CONNECTOR,50Ω

DRAWING NO. : 5T2F80S-H21

COMPANY WEBSITE : www.slkcorp.com