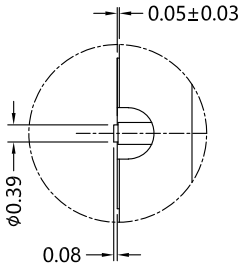
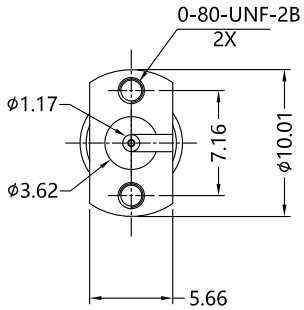
REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Kevin.Li	2021-05-31

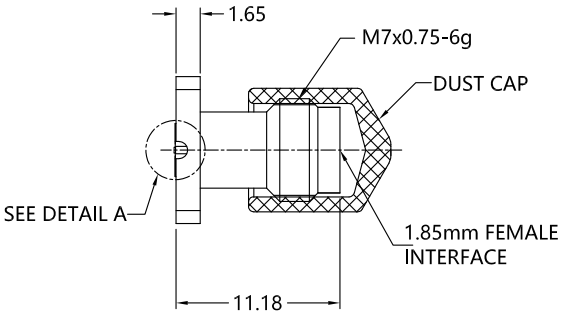
RoHS

ALL PARTS MUST MEET TO RoHS REQUIREMENTS



DETAIL A 3:1





MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY	STAINLESS STEEL SUS303Cu	PASSIVATION
INSERT	STAINLESS STEEL SUS303Cu	PASSIVATION
CONTACT PIN	BE-CU C17300	GOLD PL.30u"/NICKEL 50u"
INSULATOR	PEI	N/A
DUST CAP	PVC	N/A

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		DC ~ 67 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1000 V
CONTACT RESISTANCE	CENTER CONTACT	<2.20 mΩ
	OUTER CONTACT	<0.1.5 mΩ
INSULATION RESISTANCE		>500 MΩ
INSERTION LOSS		<0.05 x$\sqrt{F(GHz)}$ dB
VSWR		<1.35
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	>6 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 ℃~+85 ℃

* 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 : -
DRAWING :	DATE : 2021-05-31
	PAGE : 1/1

SUPERLINK

TITLE : 1.85mm FEMALE S/T FOR 2 HOLES FLANGE ,50Ω

DRAWING NO. : 5P1F87S-H21-004

COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING