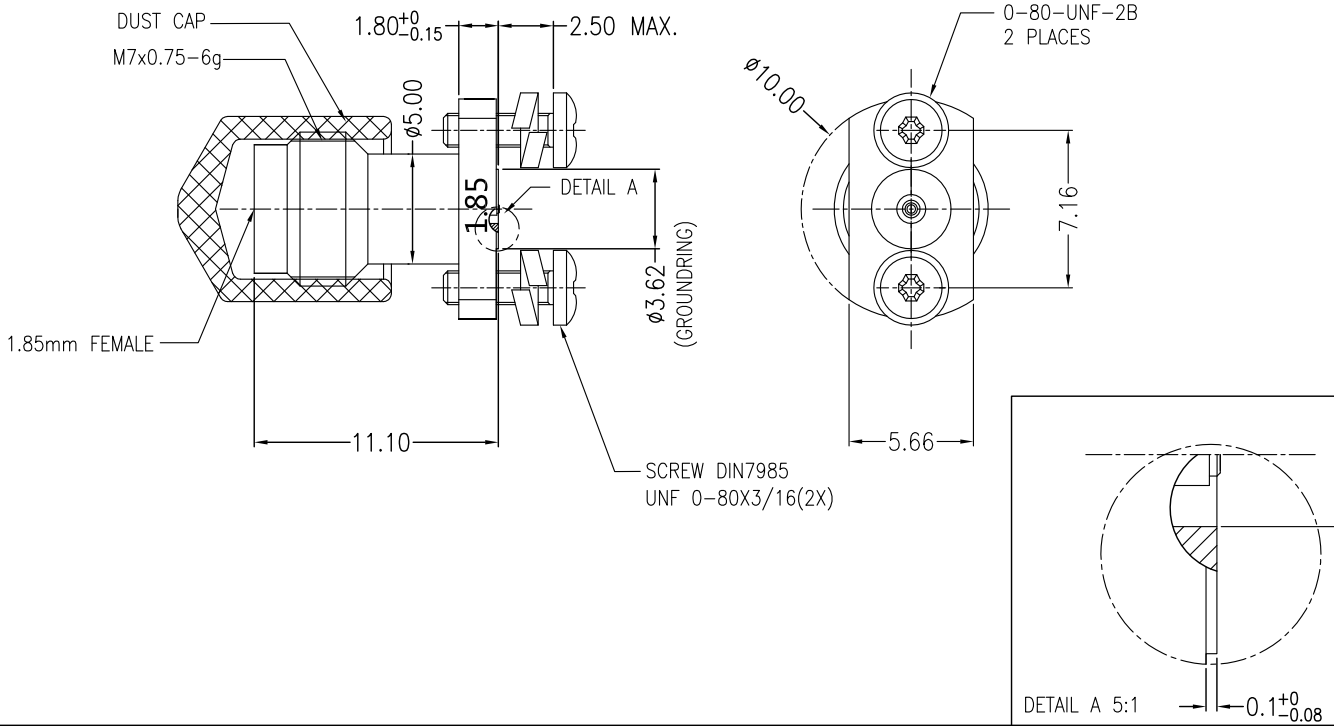


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Liu	2020-03-19



ALL PARTS MUST MEET TO RoHS REQUIREMENTS

NOTE:  
1.OPTIONAL SCREWS FOR THICKER PCB'S AVAILABLE



MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY	STAINLESS STEEL	PASSIVATION
INSULATOR	PEI	N/A
CONTACT PIN	Be-Cu C17300	GOLD 50 u"/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE	50 Ω	
VOLTAGE RATING	N/A	
FREQUENCY RANGE	DC ~ 70 GHz	
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V	
CONTACT RESISTANCE	CENTER CONTACT	<2.20 mΩ
	OUTER CONTACT	<0.15 mΩ
INSULATION RESISTANCE	> 5000 MΩ	
INSERTION LOSS	<0.05 ×√F(GHz) dB	
RETURN LOSS	>21dB, DC ~ 26.5 GHz	
	>15dB, 26.5 ~ 40 GHz	
	>14dB, 40 ~ 50 GHz	
	>10dB, 50 ~ 70 GHz	
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 °C ~ +85 °C

**\* 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 :
PAGE : 1/1	

**SLK SUPERLINK**

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

DRAWING NO. : 5P1F87S-H21-002

COMPANY WEBSITE : www.slkcorp.com