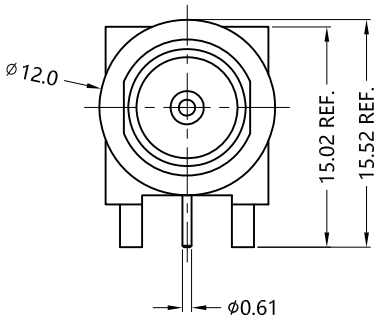
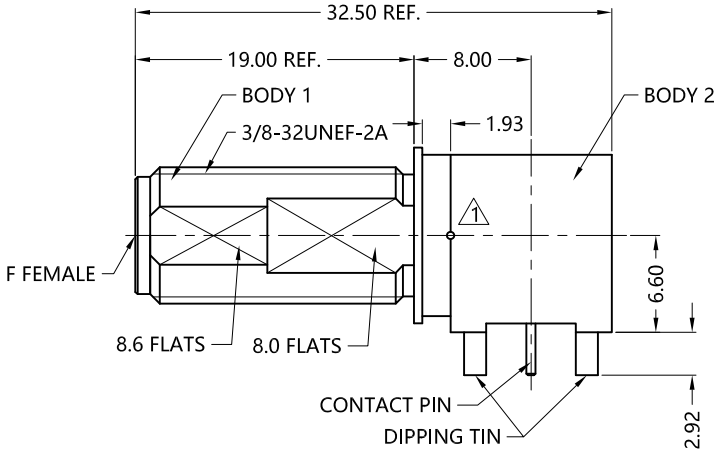
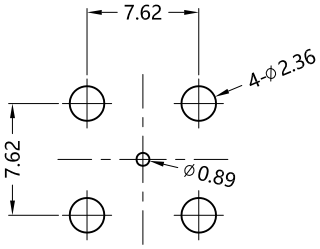
REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	UPDATE DRAWING	N/A	ZLX	2018-09-11
2	NEW FRAME	N/A	HRWEI	2020-10-10

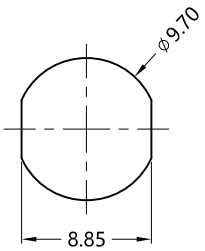
ALL PARTS MUST MEET TO RoHS REQUIREMENTS



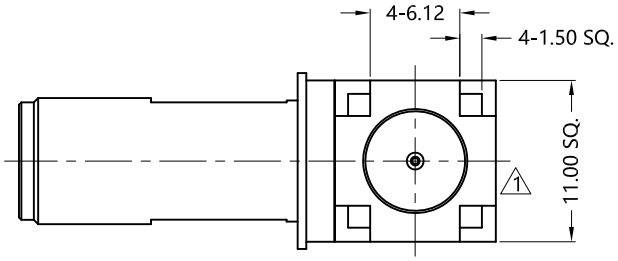




RECOMMENDED PCB LAYOUT WITH MOUNTING POSTS



RECOMMENDED MOUNTING HOLE



MATERIALS AND PLATING UNIT: MICRO-INCHES		
PART NAME	MATERIALS	PLATING
BODY 1	BRASS C3602	NICKEL PL.100 u"/COPPER
BODY 2	BRASS C3604	NICKEL PL.100 u"/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS+Be-Cu	GOLD 3 u" /NICKEL/COPPER

ELECTRICAL CHARACTERISTICS		
IMPEDANCE		75 Ω
VOLTAGE RATING		500 V(rms)
FREQUENCY RANGE		DC ~ 3 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1500 V
CONTACT RESISTANCE	CENTER CONTACT	<25 mΩ
	OUTER CONTACT	<10 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		<0.1X$\sqrt{f\ \text{GHz}}$ dB
RETURN LOSS		>30 dB@0~1.2 GHz >20 dB@1.2~3.0 GHz
3RD INTERMODULATION		N/A

MECHANICAL CHARACTERISTICS	
FORCE TO DISENGAGE	>1.8 oz
CENTER CONTACT RETENTION FORCE	>4 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	>100 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 ℃~+165 ℃

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 : 2 : 1
DRAWING :	DATE : 2020-10-10
	PAGE : 1/1

SUPERLINK

TITLE : F FEMALE R/A FOR PCB THROUGH HOLE ,75 Ω

DRAWING NO. : 7FCF25R-P41-008

COMPANY WEBSITE : www.slkcorp.com