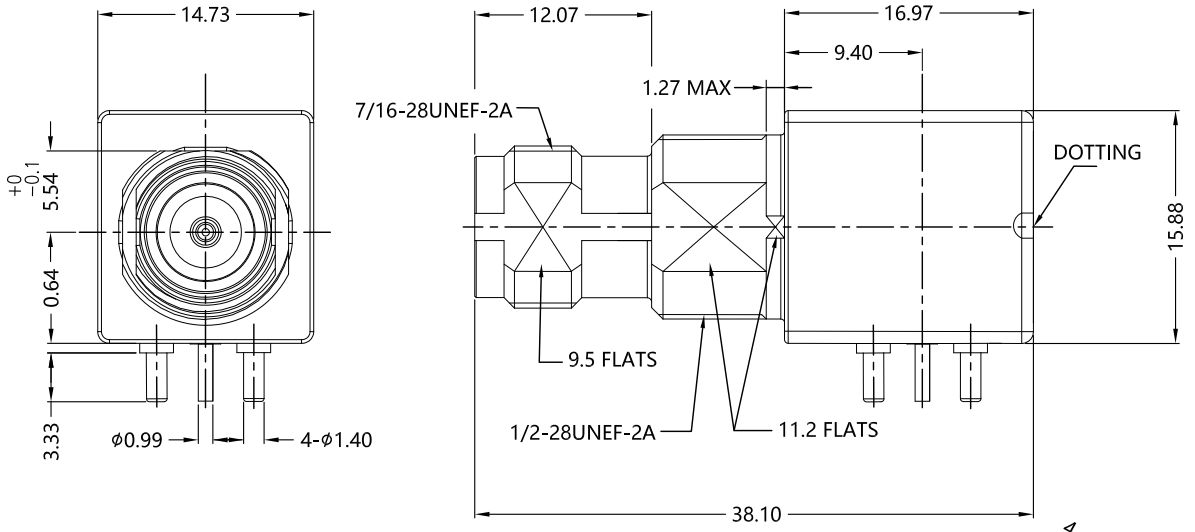
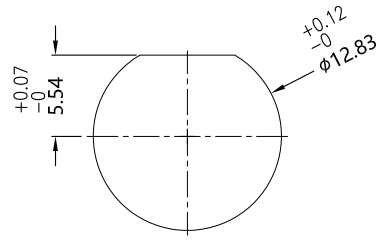
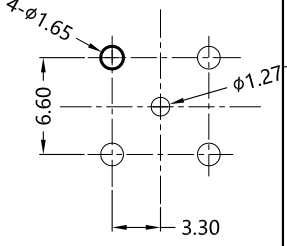
REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	UPDATE THE DRAWING	N/A	FANG	2020-01-17
2	NEW FRAME	N/A	JING	2020-08-18

ALL PARTS MUST MEET TO RoHS REQUIREMENTS





RECOMMENDED PANEL MOUNTING HOLE



RECOMMENDED PCB MOUNTING DIMENSIONS

MATERIALS AND PLATING UNIT: MICRO-INCHES

PART NAME	MATERIALS	PLATING
BODY	ZINC ALLOY	MATTE TIN 100u"/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A
CONTACT PIN	BRASS	GOLD 10u"/NICKEL/COPPER
COVER	BRASS	MATTE TIN 100u"/COPPER

ELECTRICAL CHARACTERISTICS

IMPEDANCE		50 Ω
VOLTAGE RATING		335 V(rms)
FREQUENCY RANGE		0 ~ 1 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>1500 V
CONTACT RESISTANCE	CENTER CONTACT	<1.5 mΩ
	OUTER CONTACT	<0.2 mΩ
INSULATION RESISTANCE		>5000 MΩ
INSERTION LOSS		N/A
RF-LEAKAGE		N/A
VSWR		<1.40
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	-65 ℃~+165 ℃
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
VIBRATION	MIL- STD 202, Meth. 204,Cond. B
SHOCK	MIL- STD 202, Meth. 213,Cond. I

* 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 : JING	DATE : 2017-07-14
	PAGE : 1/1

SUPERLINK

TITLE : R/P TNC FEMALE R/A CONNECTOR FOR PCB,50Ω

DRAWING NO. : 5RTCF25R-P41-001

COMPANY WEBSITE : www.slkcorp.com