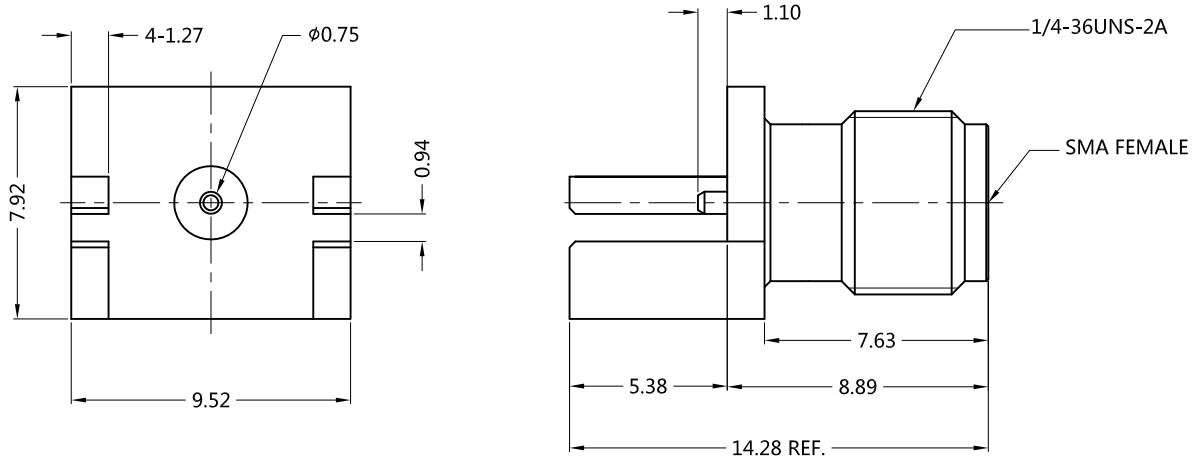


REV.	DESCRIPTION	ECN NO.	NAME	DATE
1	CHANGE THE CONTACT PIN	N/A	YWD	2018-03-16
2	NEW FRAME	N/A	LEI CHAO	2020-08-22



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 10 u"/ NICKEL/ COPPER
CONTACT PIN	Be-Cu C17300	GOLD 50 u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	335 V(rms)
FREQUENCY RANGE	DC-18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>1000 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	>5000 MΩ
INSERTION LOSS	N/A
VSWR	< 1.35@DC-10 GHz < 1.50@10-18 GHz

MECHANICAL CHARACTERISTICS	
CABLE RETENTION FORCE	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 °C~+165 °C
THERMAL SHOCK	MIL-STD 202,Meth.107,Cond.B
CORROSION	MIL-STD 202,Meth.101,Cond.B
SHOCK	MIL-STD 202,Meth.213,Cond.I
VIBRATION	MIL-STD 202,Meth.204,Cond.D
MOISTURE RESISTANCE	MIL-STD 202,Meth.16,

*** 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 : 2020-08-22
PAGE : 1/1	

TITLE : SMA FEMALE S/T FOR PCB END LAUNCH ,50 Ω
 DRAWING NO. : 5MAF28S-P41-023
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING