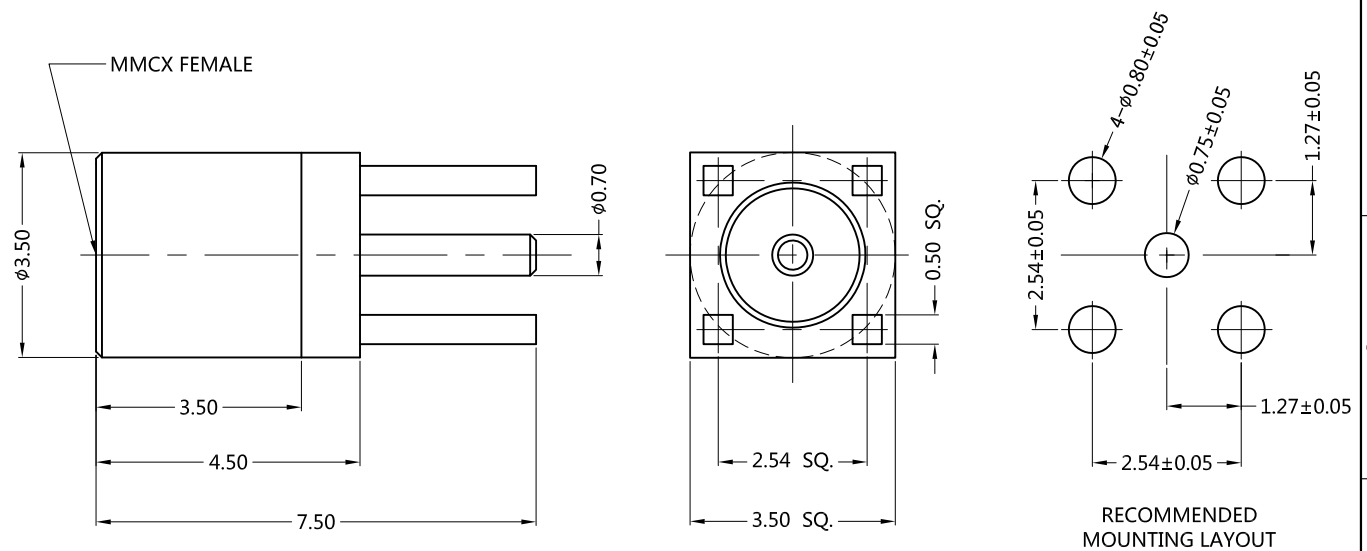


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	YAN	2014-06-23
1	NEW FRAME	N/A	LEI CHAO	2020-07-08



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 20 u"/NICKEL/COPPER
CONTACT PIN	Be-Cu C17300	GOLD 40 u"/NICKEL/COPPER
INSULATOR	TEFLON MIL-P-19468	N/A

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	170 V(rms)
FREQUENCY RANGE	DC ~ 6 GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CONTACT RESISTANCE	CENTER CONTACT < 5.0 mΩ
	OUTER CONTACT < 2.5 mΩ
INSULATION RESISTANCE	> 1000 MΩ
INSERTION LOSS	N/A
VSWR	< 1.35
3RD INTERMODULATION	N/A

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 1.5 lbs
RECOMMENDED COUPLING TORQUE	N/A
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 °C ~ +155 °C
RELATIVE HUMIDITY	MIL-STD-202, Method 106
VIBRATION	MIL-STD-202, Method 204, Cond D
SHOCK	MIL-STD-202, Method 213, Cond I
CORROSION	MIL-STD-202, Method 101, Cond B

*** 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 : 4 : 1
DRAWING :	DATE : 2020-07-08
PAGE : 1/1	

TITLE : MMCX FEMALE S/T FOR PCB THROUGH HOLE ,50 Ω
 DRAWING NO. : 5MCF25S-P41-005
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING