
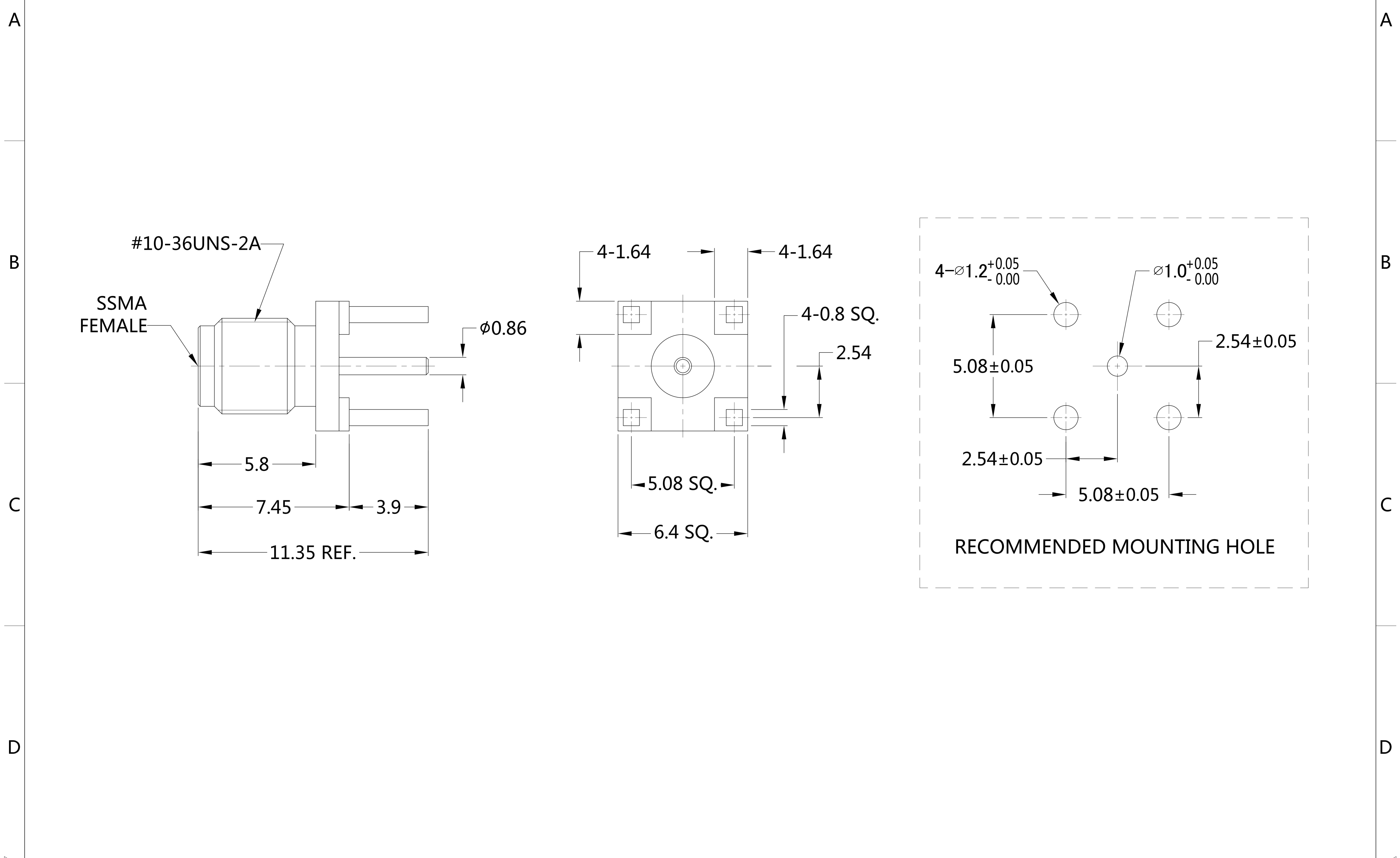


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	JASON	2020-12-03



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	BRASS C3604	GOLD 3 u"/NICKEL/COPPER
CONTACT PIN	Be-Cu C17300	GOLD 8 u"/NICKEL/COPPER
INSULATOR	PTFE ASTM-D-1710	N/A

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 18 GHz
DIELECTRIC WITHSTANDING VOLTAGE	>750 V
CONTACT RESISTANCE	CENTER CONTACT <4.0 mΩ
	OUTER CONTACT <2.0 mΩ
INSULATION RESISTANCE	> 5000 MΩ
INSERTION LOSS	<0.05x√F(GHz) dB
VSWR	<1.25

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	N/A
CENTER CONTACT RETENTION FORCE	> 3 lbs
RECOMMENDED COUPLING TORQUE	5.3~7 in.lbs
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	> 500 cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-55 °C ~ +155 °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 :
JASON	2020-12-03
PAGE : 1/1	



TITLE : SSMA FEMALE S/T FOR PCB END LAUNCH, 4-HOLES FLANGE, 50Ω  
 DRAWING NO. : 5SAF25S-P41-004  
 COMPANY WEBSITE : www.slkcorp.com

CUSTOMER OUTLINE DRAWING