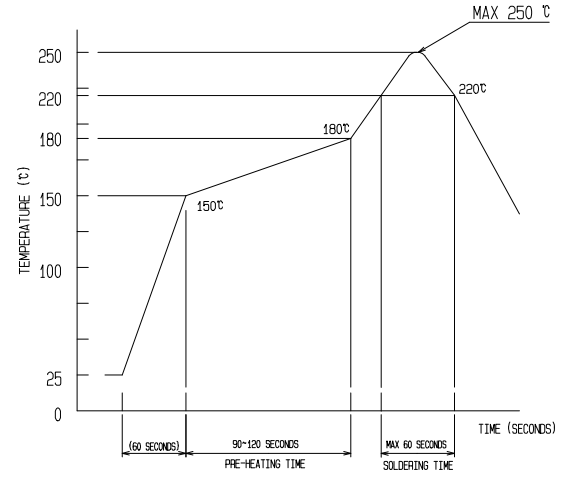
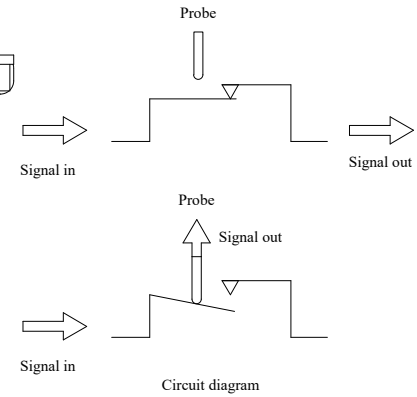
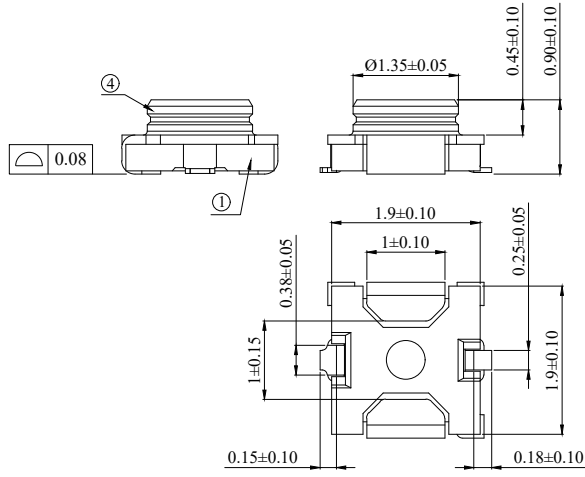
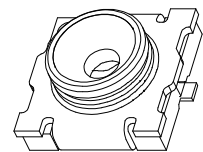
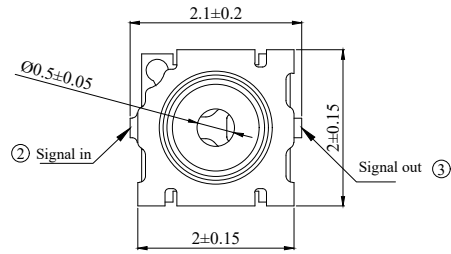
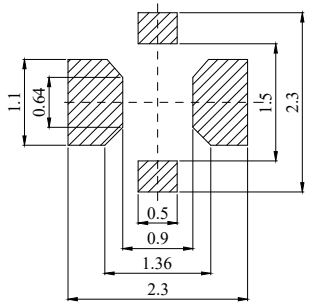


REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2023.02.02	Jackson	/	Tom

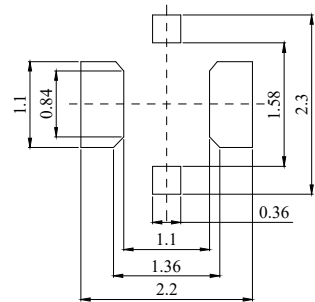


RECOMMENDED REFLOW TEMPERATURE PROFILE USIN LEAD-FREE SOLDER PASTE

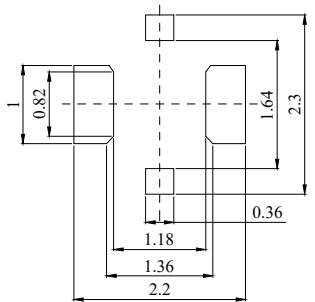
- NOTES:
- 1.0 VOLTAGE: 30V AC/DC
 - 2.0 IMPEDANCE: 50Ω
 - 3.0 POWER RATING: 2W
 - 4.0 OPERATION TEMPERATURE: -40° C TO +85° C
 - 5.0 CONTACT RESISTANCE: 70mΩ MAX INTIAL, 90mΩ MAX AFTER TEST
 - 6.0 INSULATION RESISTANCE: 500MΩ MIN INTIAL, 100MΩ MIN AFTER TEST
 - 7.0 DIELECTIC WITHSTANDING VOLTAGE: 300V AC FOR ONE MINUTE
 - 8.0 DURABILITY: 100 CYCLES
 - 9.0 IR REFLOW CYCLE: 2 CYCLES MAX.
 - 10.0 VSWR:
 - 1.2MAX. at DC~3 GHz ; 1.3MAX. at 3~6 GHz; 1.5MAX. at 6~11 GHz
 - 11.0 INSERTION LOSS:
 - 0.1dB MAX. at DC~3 GHz ; -0.2dB MAX. at 3~6 GHz; -0.5dB MAX. at 6~11 GHz
 - 12.0 ISOLATION:
 - 20dB MIN. at DC~3 GHz ; -15dB MIN. at 3~6 GHz; -10dB MIN. at 6~11 GHz



RECOMMENDED FOOTPRINT PATTERN
(TOLERANCE:±0.05)



RECOMMENDED METAL MASK LAYOUT
(TOLERANCE:±0.03),T=0.08



RECOMMENDED METAL MASK LAYOUT
(TOLERANCE:±0.03),T=0.10



3	SIGNAL OUT CONTACT	STAINLESS STEEL, GOLD PLATING OVER NICKEL			
2	SIGNAL IN CONTACT	STAINLESS STEEL, GOLD PLATING OVER NICKEL			
1	HOUSING	LCP, BLACK, UL 94 V-0	4	GROUND CONTACT	COPPER ALLOY, GOLD PLATING ON SOLDER AREA, OVER NICKEL
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS:mm SCALE 1 : 1	TITLE: MSR 3rd RF SWITCH CONN, L2.0 * W2.0 * H0.9mm		
X. ± 0.30	X.* ± 5°	APPROVED	TOM 2023.02.02		
.X ± 0.20	.X* ± 3°	CHECKED	/		
.XX ± 0.15	.XX* ± 2°	DESIGNED	TOM 2023.02.02		
			DRAWING NO. : C-SR0001R-2		
			PART NO. : SR0001R02B		

