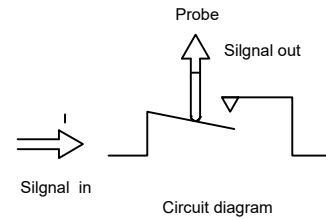
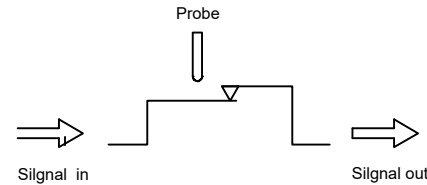
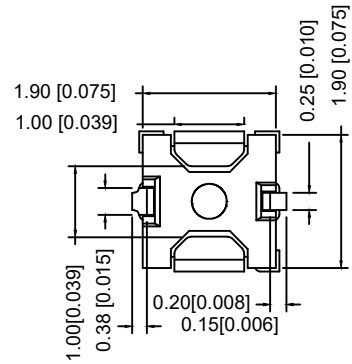
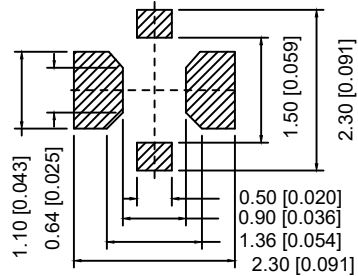
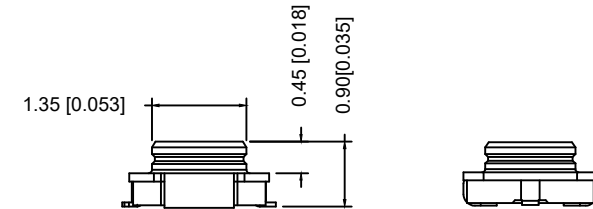


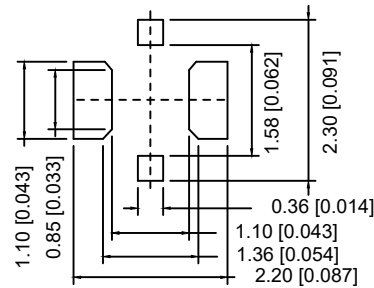
- NOTES:
- 1.0 VOLTAGE:30VAC/IC
  - 2.0 IMPEDANCE:50Ω
  - 3.0 POWER RATING: 2W
  - 4.0 OPERATION TEMPERATURE:-40°C TO +85°C
  - 5.0 CONTACT RESISTANCE: 70mΩ MAX INITIAL 90mΩ MAX AFTER TEST
  - 6.0 INSULATION RESISTANCE: 500MΩ MIN INITIAL 100MΩ MIN AFTER TEST
  - 7.0 DIELECTRIC WITHSTANDING VOLTAGE: 300V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



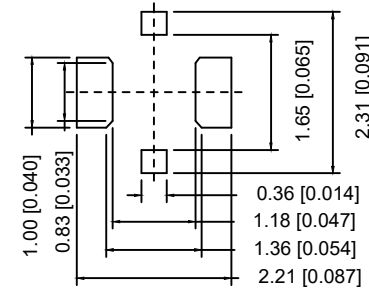
Circuit diagram



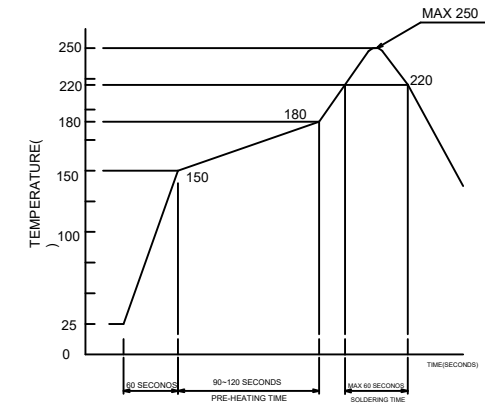
RECOMMENDED FOOTPRINT PATTERN(TOLERANCE:±0.05)



RECOMMENDED METAL MASK LAYOUT(TOLERANCE:±0.08)



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



Recommended Reflow Temperature Profile  
Use Lead-Free Solder Paste

new		2015/5/3		A	
ECN BO.		DESCRIPTION.		DATE.	
DESIGNED	CHECKED	APPROVAL	DRAWING NUMBER	SCALE: 1/2	SCALE: 3:1
Mikey	Tom	Jerry	PART NAME	RF0311G1TS-CR	UNLESS OTHERWISE SPECIFIED, TOLERANCE:
			MODEL NAME	X-RF0311G1TS-CR	
			3RD ANGLE PROJ	HanElectricity Co.,LTD	

瀚源