

1. PART NUMBER

PART NO.	CUSTOMER PART NO.
CMF33C1827S45A	

2. TEST CONDITION

2-1 TYPICAL CONDITION : -TEMPERATURE : 20℃

-HUMIDITY : 65%RH

2-2 STANDARD CONDITION : -TEMPERATURE : -40℃ to +85℃


-HUMIDITY : 45%RH to 85%RH

3. COMPOSITION AND MATERIAL

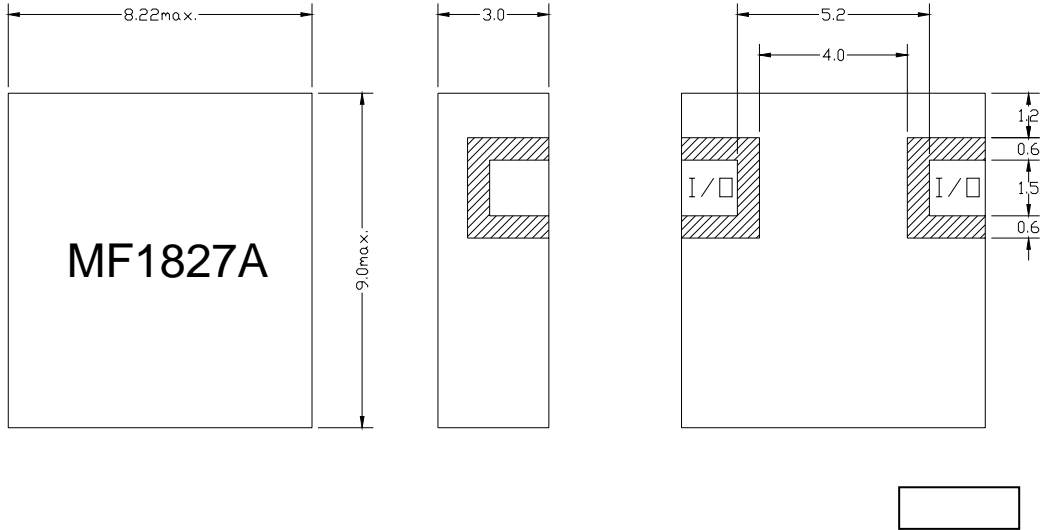
NO.	NAME	COMPOSITION AND MATERIALS
3-1	RESONATOR	DIELECTRIC MATERIALS
3-2	NUMBER OF HOLE	3 HOLE
3-3	IN/OUTPUT TERMINALS	Ag or Sn PLATED
3-4	GROUND BASE	Ag or Sn PLATED

4. ELECTRICAL SPECIFICATIONS

NO.	ITEM	SPECIFICATIONS
4-1	CENTER FREQUENCY(f_0)	1827.5MHz
4-2	BAND WIDTH(-1dB)	$f_0 \pm 22.5\text{MHz}$
4-3	INSERTION LOSS IN BW	2.2dB max.
4-4	RIPPLE IN BW	0.5dB max.
4-5	V.S.W.R IN BW	2.0 :1 max.
4-6	ATTENUATION	32dB min. at $f_0 \pm 160.0\text{MHz}$ 18dB min. at $f_0 \pm 80.0\text{MHz}$
4-7	INPUT POWER	1 W
4-8	NOMINAL CHARACTERISIC IMPEDANCE	50Ω

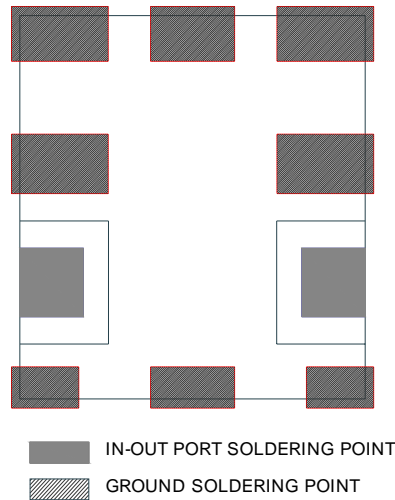
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5. APPEARANCES AND DIMENSIONS



GROUND
TOLERANCE: ±0.3 (Unit: mm)

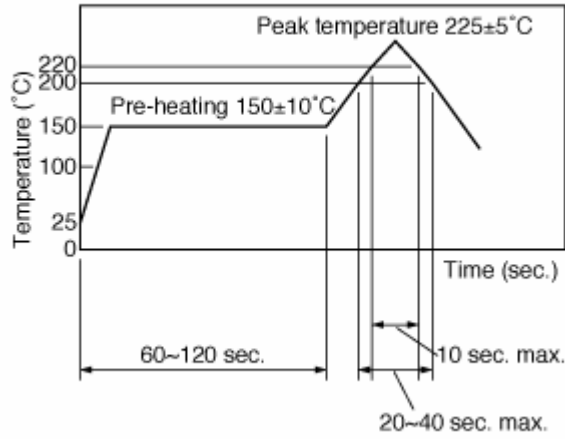
6. RECOMMENDED REFLOW PAD




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7. REFLOW SOLDERING STANDARD CONDITIONS



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