

BRES5V0X1C2ZPQ

Rev.C Aug.-2025

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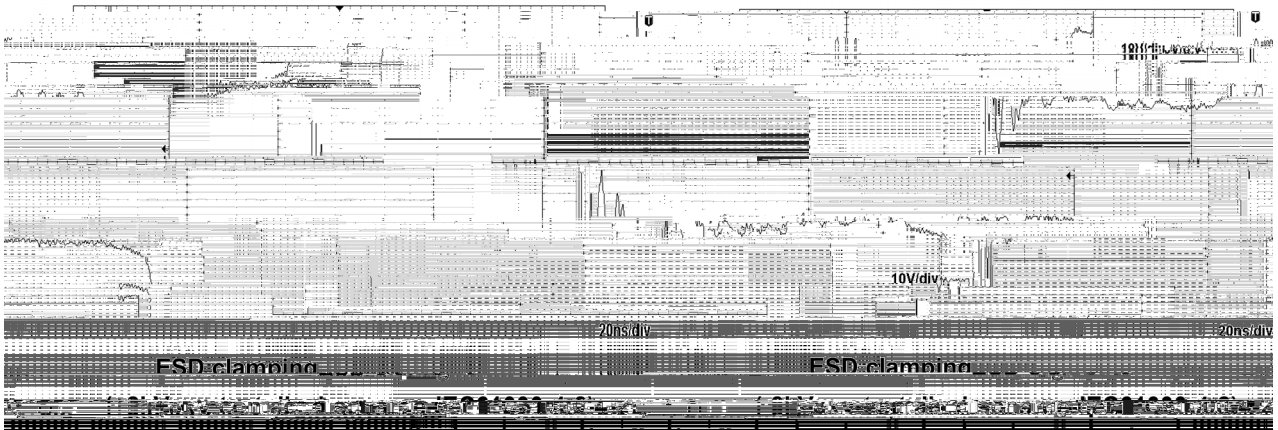
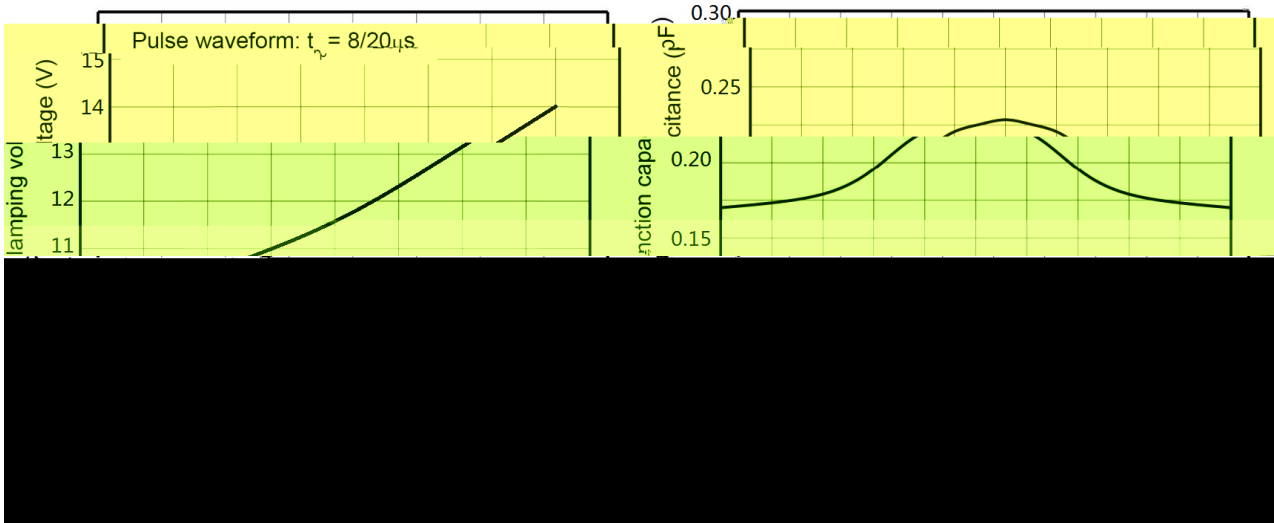
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DATA SHEET

Parameter	Symbol	Rating	Unit
Peak Pulse Power($t_p = 8/20\mu s$)	P_{PK}	56	W
Peak Pulse Current($t_p = 8/20\mu s$)	I_{PP}	4	A
ESD according to IEC61000-4-2 air discharge	V_{ESD}	± 20	KV
ESD according to IEC61000-4-2 contact discharge		± 20	

/ Electrical Characteristic Curve(Ta=25)



/ Package Dimensions

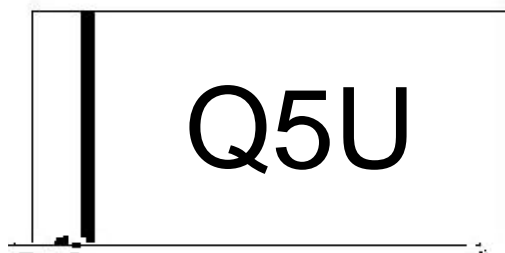
DFN1006-2L

Unit:mm



Rev.01 202108

/ Marking Instructions



Q

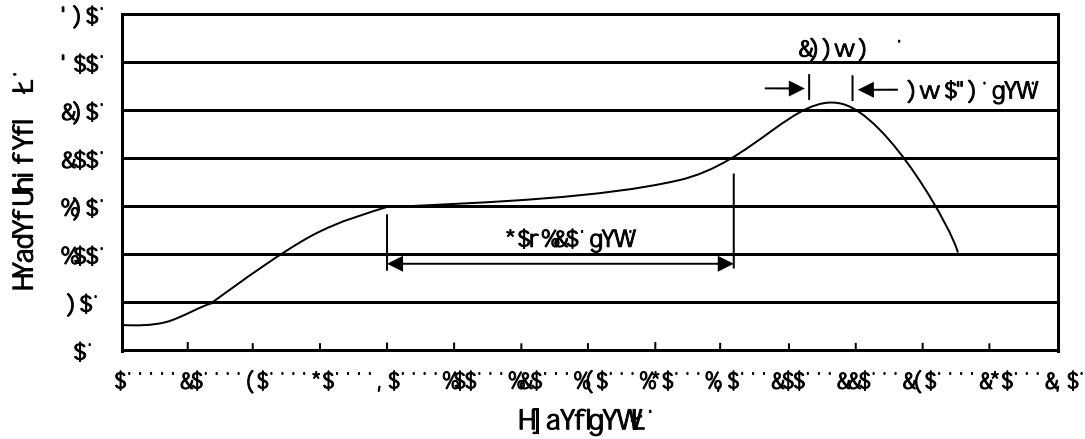
5U

Note

Q Automobile halogen-free product Code

5U Product Type

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1 150 200 60 120sec; 1.Preheating:150~200 , Time:60~120sec.
- 2 255±5 5±0.5sec; 2.Peak Temp.:255±5 , Duration:5±0.5sec.
- 3 2 10 /sec. 3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type	Units					Dimension (unit mm ³)		
	10,000	10	100,000	6	600,000	7 x8	180x120x180	390x385x205
DFN1006-2L	10,000	10	100,000	6	600,000	7 x8	180x120x180	390x385x205

/ Notices