

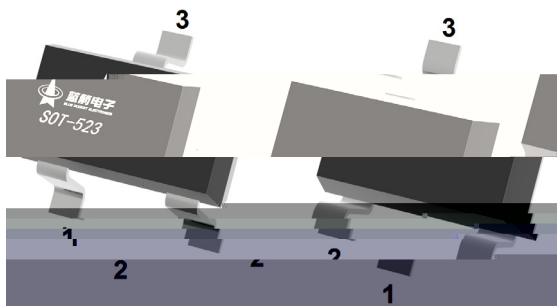
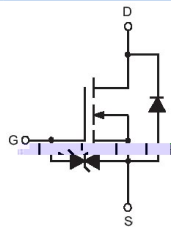
Rev.A Mar.-2024

SOT-523 N MOS
 N-CHANNEL MOSFET in a SOT-523 Plastic Package.

2KV

Sensitive gate trigger current and Low Holding current.ESD protected up to 2KV,HF Product.

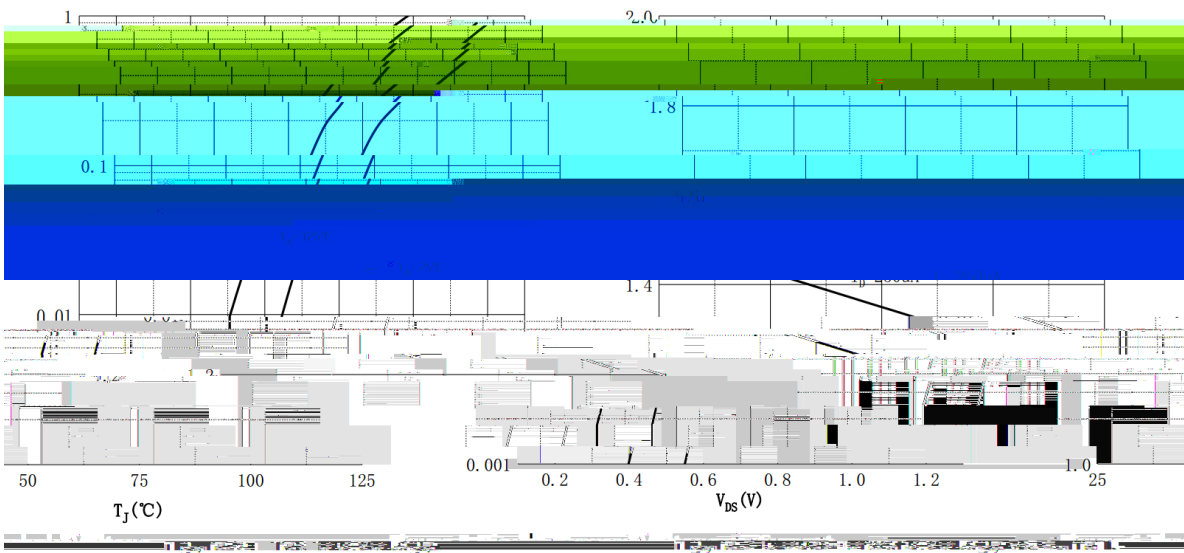
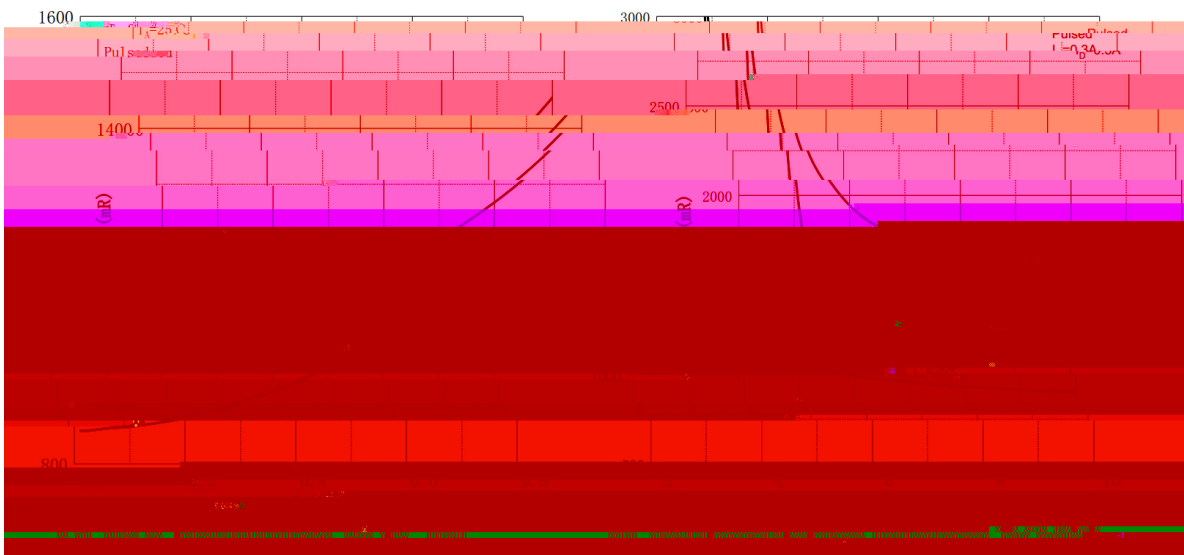
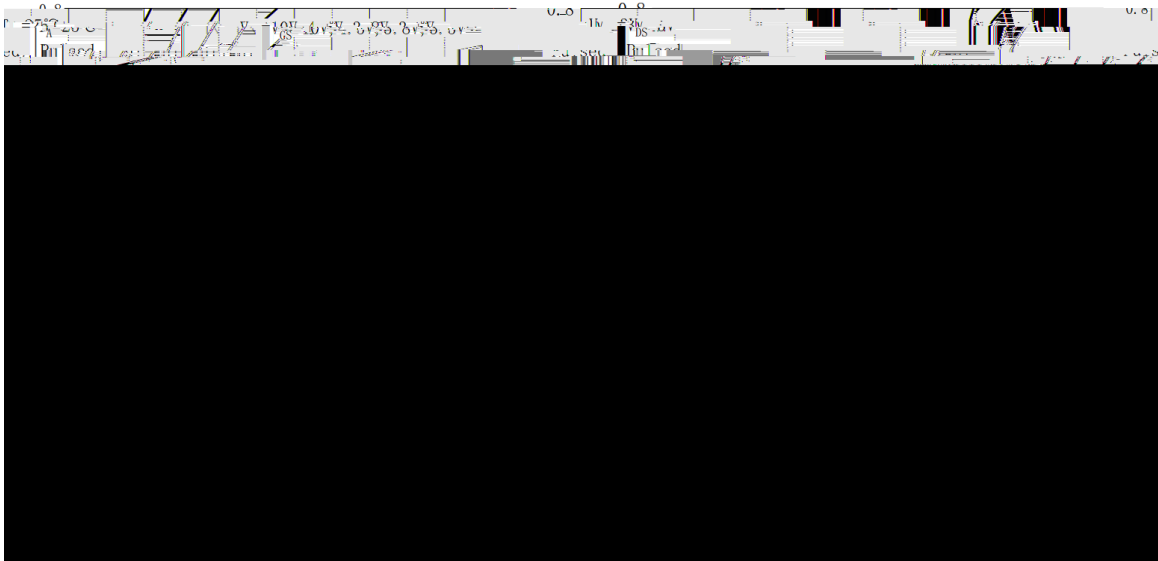
Intended for use in general purpose switching and phase control applications.

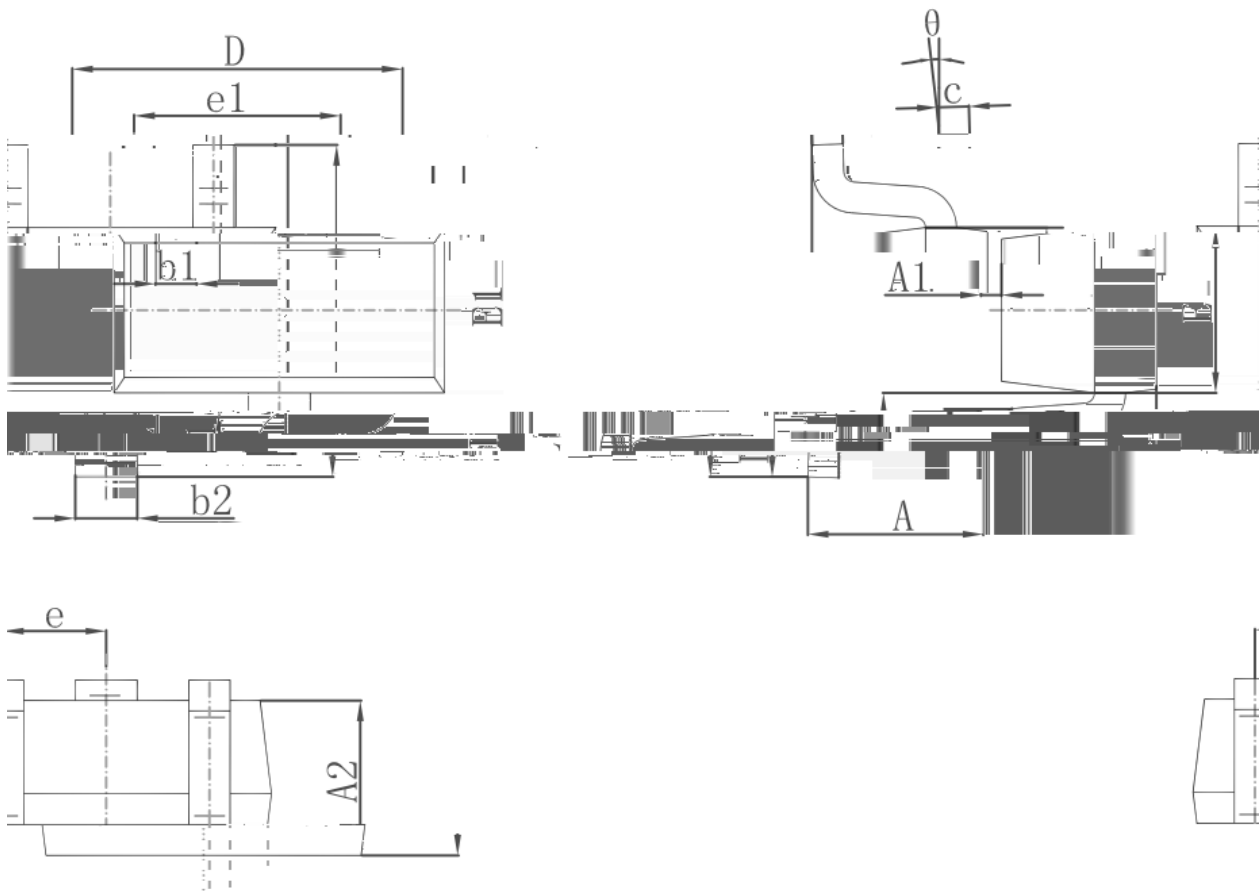


PIN1 G PIN 2 S PIN 3 D

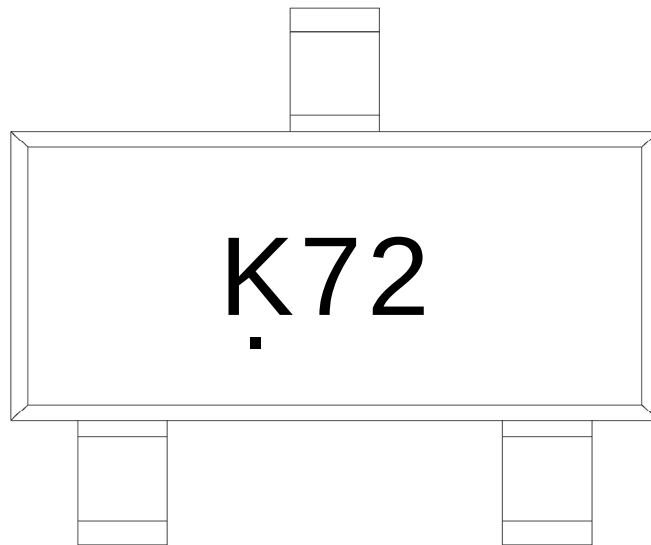
Marking

K72





Symbol	Dimensions In Millimeters		Dimensions In Inches	
	Min.	Max.	Min.	Max.
A	0.700	0.900	0.028	0.035
A1	0.700	0.800	0.028	0.031
A2	0.250	0.300	0.010	0.012
b1	0.150	0.200	0.006	0.008
b2	0.008	0.010	0.0003	0.0004
b3	0.007	0.009	0.0003	0.0004
E	0.069	0.070	0.0028	0.0028
YP	0.043	0.045	0.0017	0.0018
EF	0.018	0.020	0.0007	0.0008
8°			0°	0°
		e	0.500 TYP.	
		e1	0.900	1.100
		L	0.400 REF.	
		L1	0.260	0.460
		θ	0°	8°



K72

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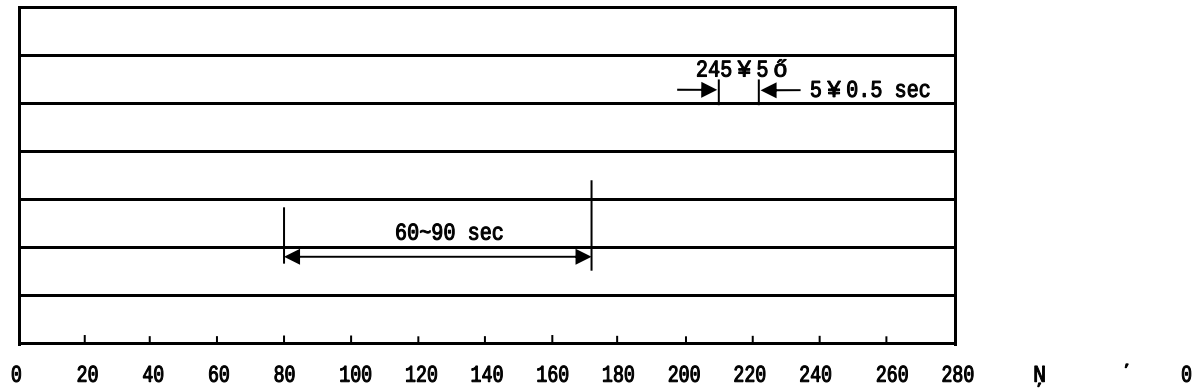
Note:

K72: Product Type Code

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HF Product Code

Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- 1

150 180

60 90sec;

1.Preheating:150~180 °C , Time:60~90sec.
- 2

245±5

5±0.5sec;

2.Peak Temp.:245±5 °C , Duration:5±0.5sec.
- 3

2 10

/sec.

3. Cooling Speed: 2~10 °C/sec.

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

/ REEL

Package Type	Units					Dimension (unit mm ³)		
SOT-523	3,000	10	30,000	6	180,000	7 ×8	180×120×180	390×385×205