

MB24S~MB220S

Rev.A Mar.-20

/ Descriptions

2A MBS
2A surface mount schottky bridge, MBS package.

/ Features

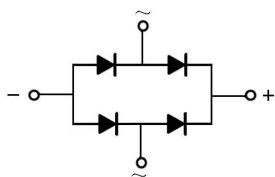
40V~200V 2A

Reverse Voltage: 40 to 200V, Forward Current: 2 A, High Surge Current Capability, Designed for Surface Mount Application, Halogen free product.

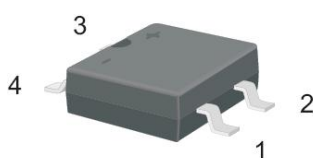
/ Applications

General purpose.

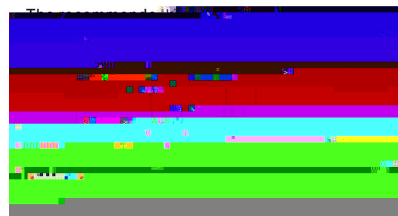
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Input Pin (~)
2	Input Pin (~)
3	Output Anode (+)
4	Output Cathode (-)

/ **Marking**

See Marking Instructions.

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Rev.A Mar.-2021



DATA SHEET

Parameter	Symbol	Rating					Unit
		MB24S	MB26S	MB28S	MB210S	MB220S	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	40	60	80	100	200	V
Maximum RMS voltage	V_{RMS}	28	42	56	70	140	V

/ Electrical Characteristic Curve

Fig.1 Forward Current Derating Curve

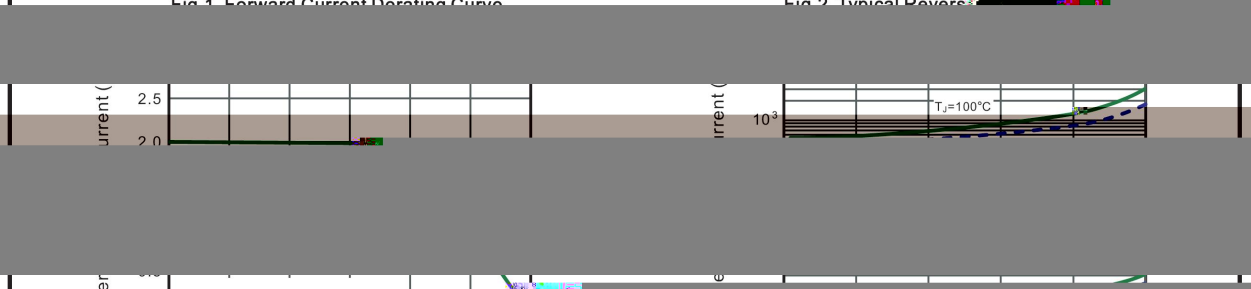


Fig.2 Typical Reverse

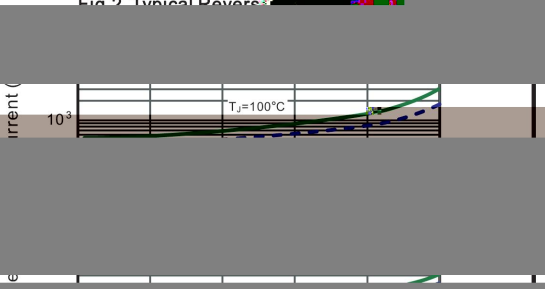


Fig.3 Typical Forward Characteristic



Fig.4 Typical Junction Capacitance

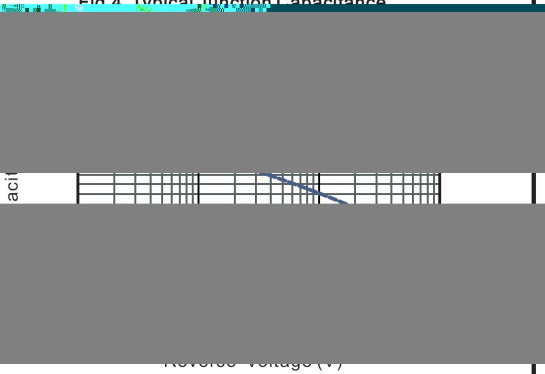


Fig.5 Maximum Non-Repetitive Peak

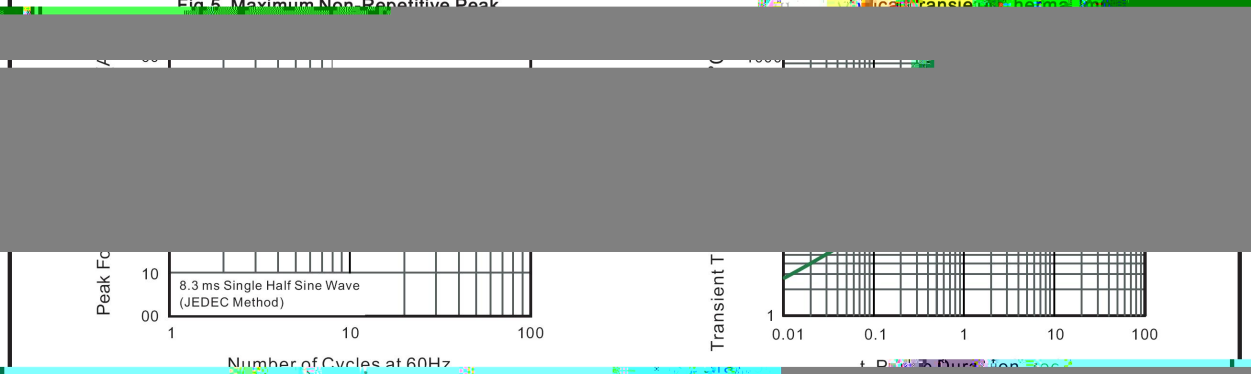
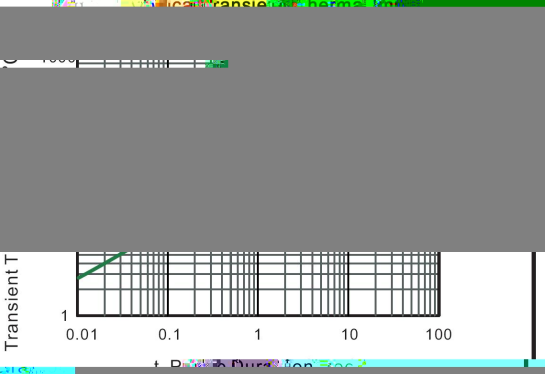
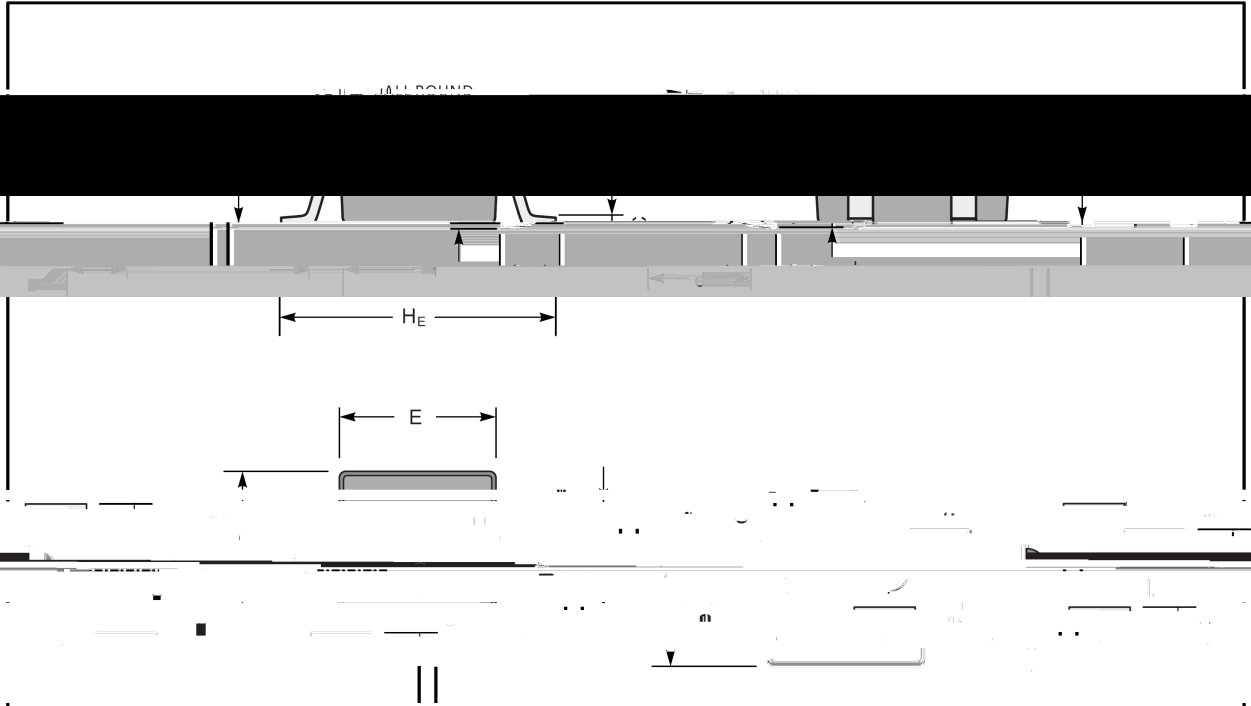


Fig.6 Typical Transient Characteristic



/ Package Dimensions

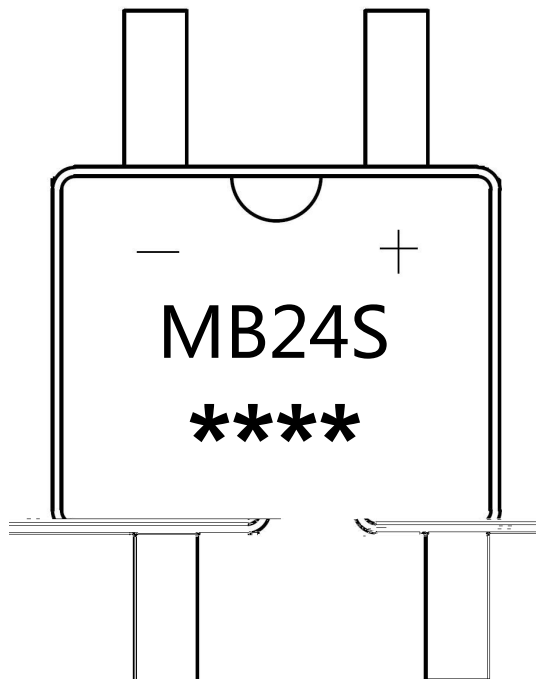
MBS



MBS mechanical data

UNIT		A	C	D	E	H _E	d	e	L	L ₁	a	∠
mm	max	2.6	0.22	5.0	4.1	7.0	2.7	0.7	1.7	1.1	0.2	7°
	min	2.2	0.15	4.5	3.6	6.4	2.3	0.5	1.3	0.5	—	
mil		102	9	127	104	279	108	28	67	43	5	

/ Marking Instructions



说明：

MB24S：为型号代码

****：为生产批号追溯码，第1个为年月代码，后面3个为当月小批号代码

Note:

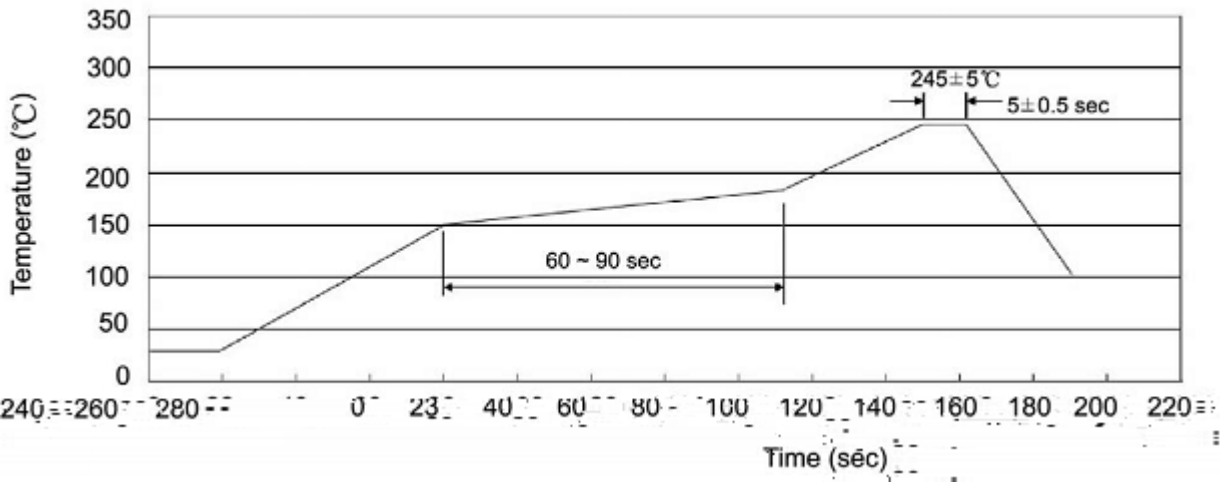
MB24S：Product Type Code

****：Lot No. Code，The 1st means:YM Code，The last 3 means:little Lot
No Code

Marking

Type number	Marking code
MB24S	MB24S
MB26S	MB26S
MB28S	MB28S
MB210S	MB210S
MB220S	MB220S

() /



- Note:
- 1

25 150

60 90sec;

1.Preheating:25~150°C, Time:60~90sec.
- 2

245±5

5±0.5sec;

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

2 10°C/se

r