

Rev.A Mar.-202R

MB24S~MB220S

Rev.A Mar.-2021



DATA SHEET

/ Descriptions

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

/ Features

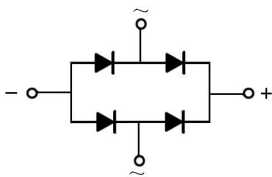
40V~200V 2A

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

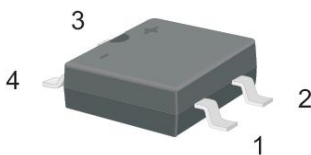
/ Applications

General purpose.

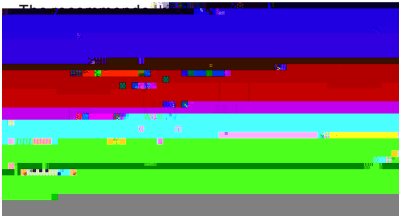
/ Equivalent Circuit



/ Pinning



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



/ Marking

See Marking Instructions.

MB24S~MB220S

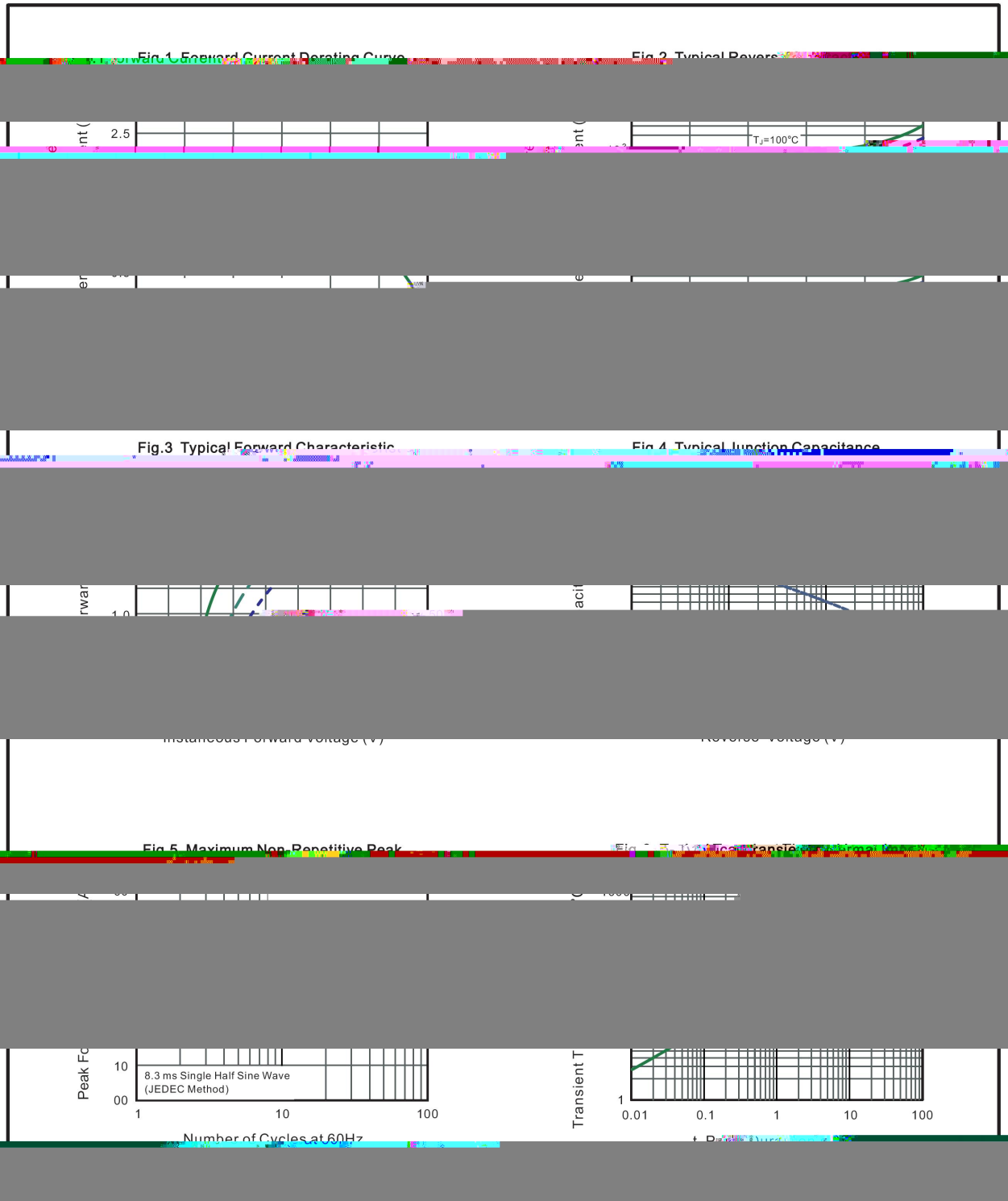
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DATA SHEET

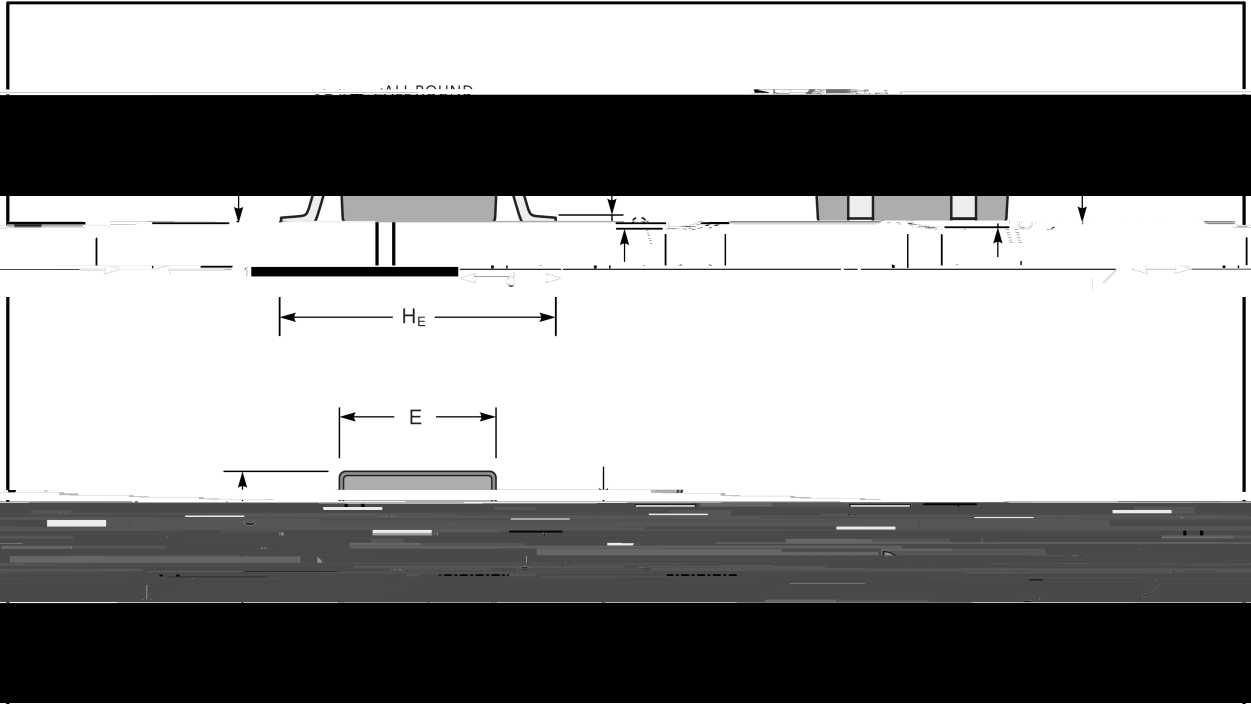
Parameter	Symbol	Rating					Unit
		MB24S	MB26S	MB28S	MB210S	MB220S	
Maximum Repetitive Peak Voltage	V_{RRM}	40	60	80	100	200	V
Maximum RMS voltage	V_{RMS}	28	42	56	70	140	V

/ Electrical Characteristic Curve



/ Package Dimensions

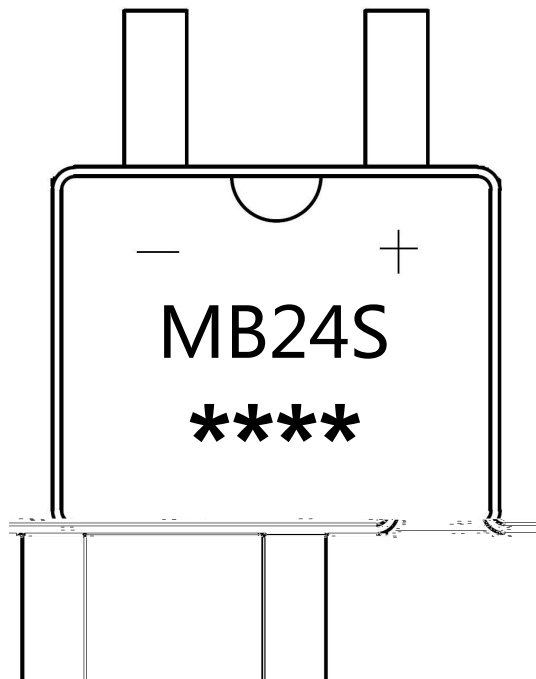
MBS



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	

/ 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

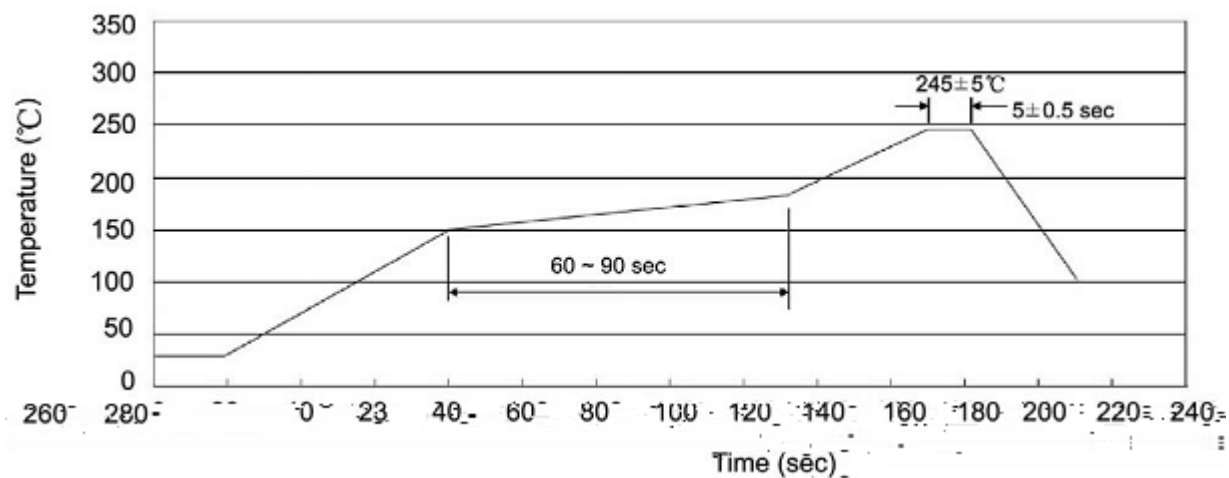
****： Lot No. Code , The 1st * means:YM Code , The last 3 * means:little Lot
No Code

Marking

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



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



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 | |