

Rev.A May.-2017

4.0A

UMSB

4.0A Surface Mount Glass Passivated Bridge Rectifier,UMSB thin package.

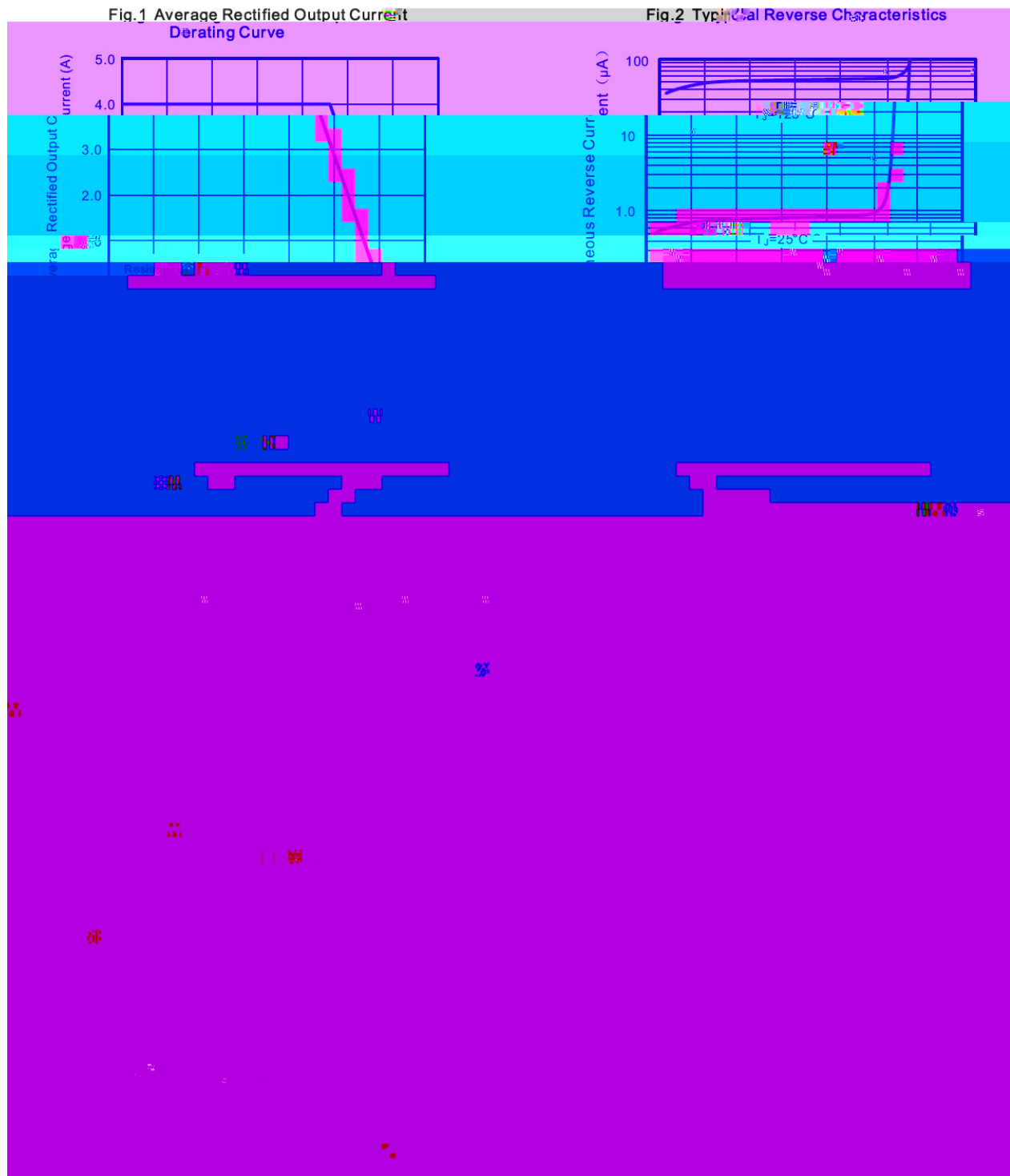
Glass Passivated Chip Junction, High Surge Current Capability, Reverse Voltage :100 to 1000V,
Forward Current: 4.0A, Designed for Surface Mount Application. HF product.

d ssil purp7(d 3 V)57.3s.8(ckage2 1 Tf12 0 0 1253)P 698.9003 Tm0 Tc0 Tw4 128.2.8(c0 Tw4 1)7..8(c0

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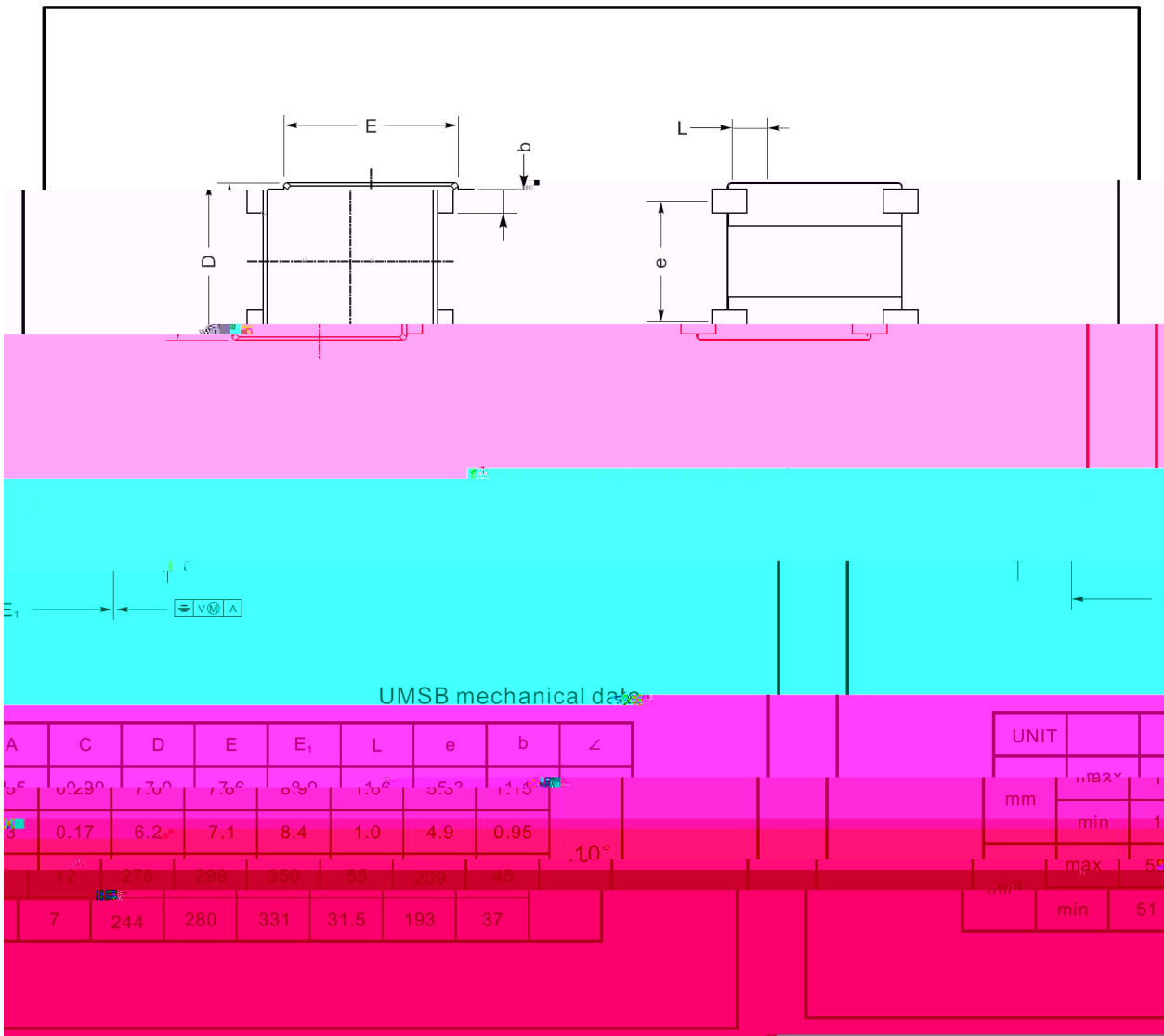
Parameter	Symbol	Rating						Unit
		MSB40B	MSB40D	MSB40G	MSB40J	MSB40K	MSB40M	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	100	200	400	600	800	1000	V
Maximum RMS voltage	V_{RMS}	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V_{DC}	100	200	400	600	800	1000	V
Average Rectified Output Current	I_o	4.0						A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	95						A
Typical Junction Capacitance <small>Note1</small>	C_i	50						pF

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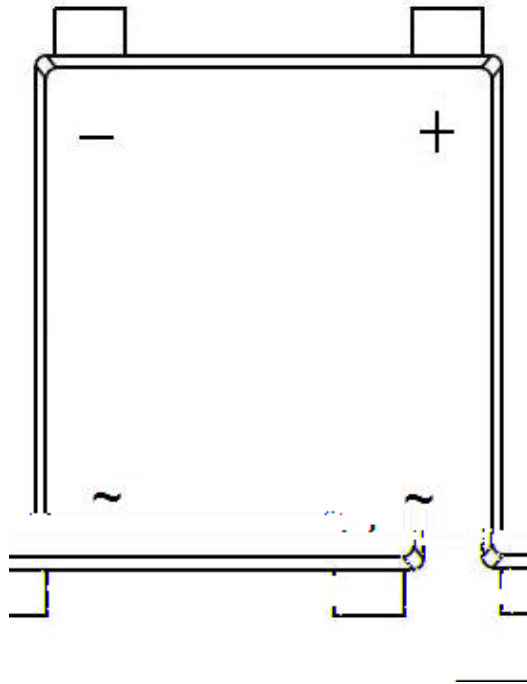
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Marking

Type number	Marking code
MSB40B	MB40B
MSB40D	MB40D
MSB40G	MB40G
MSB40J	MB40J
MSB40K	MB40K
MSB40M	MB40M



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Note:

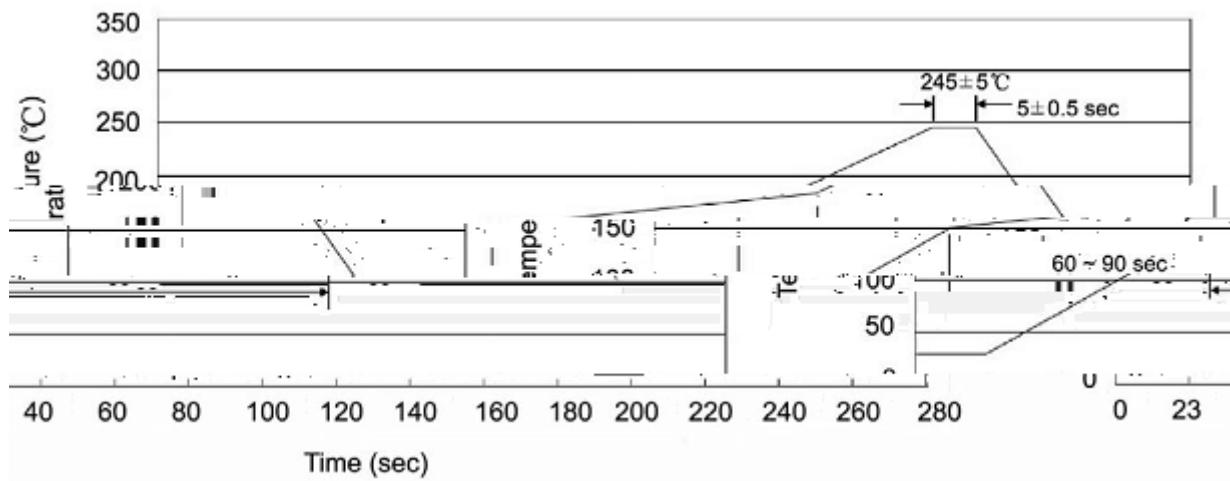
Product Type Code

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

No Code

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Temperature Profile for IR Reflow Soldering(Pb-Free)



Note:

- | | | | |
|---|----------|-------------|---|
| 1 | 25 ~ 150 | 60 ~ 90sec; | 1.Preheating:25~150 , Time:60~90sec. |
| 2 | 245 ± 5 | 5 ± 0.5sec; | 2.Peak Temp.:245 ± 5 , Duration:5 ± 0.5sec. |
| 3 | 2 ~ 10 | /sec. | 3. Cooling Speed: 2~10 /sec. |

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