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## / Electrical Characteristic Curve

Fig.1 Average Rectified Output Current Derating Curve

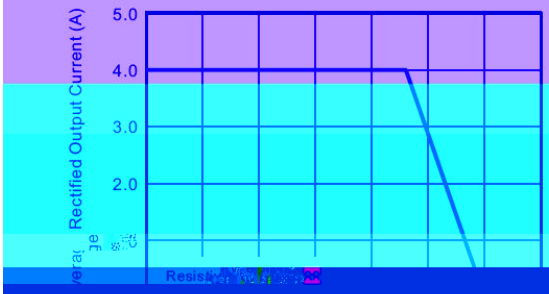
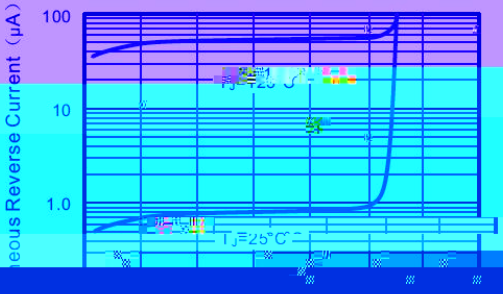
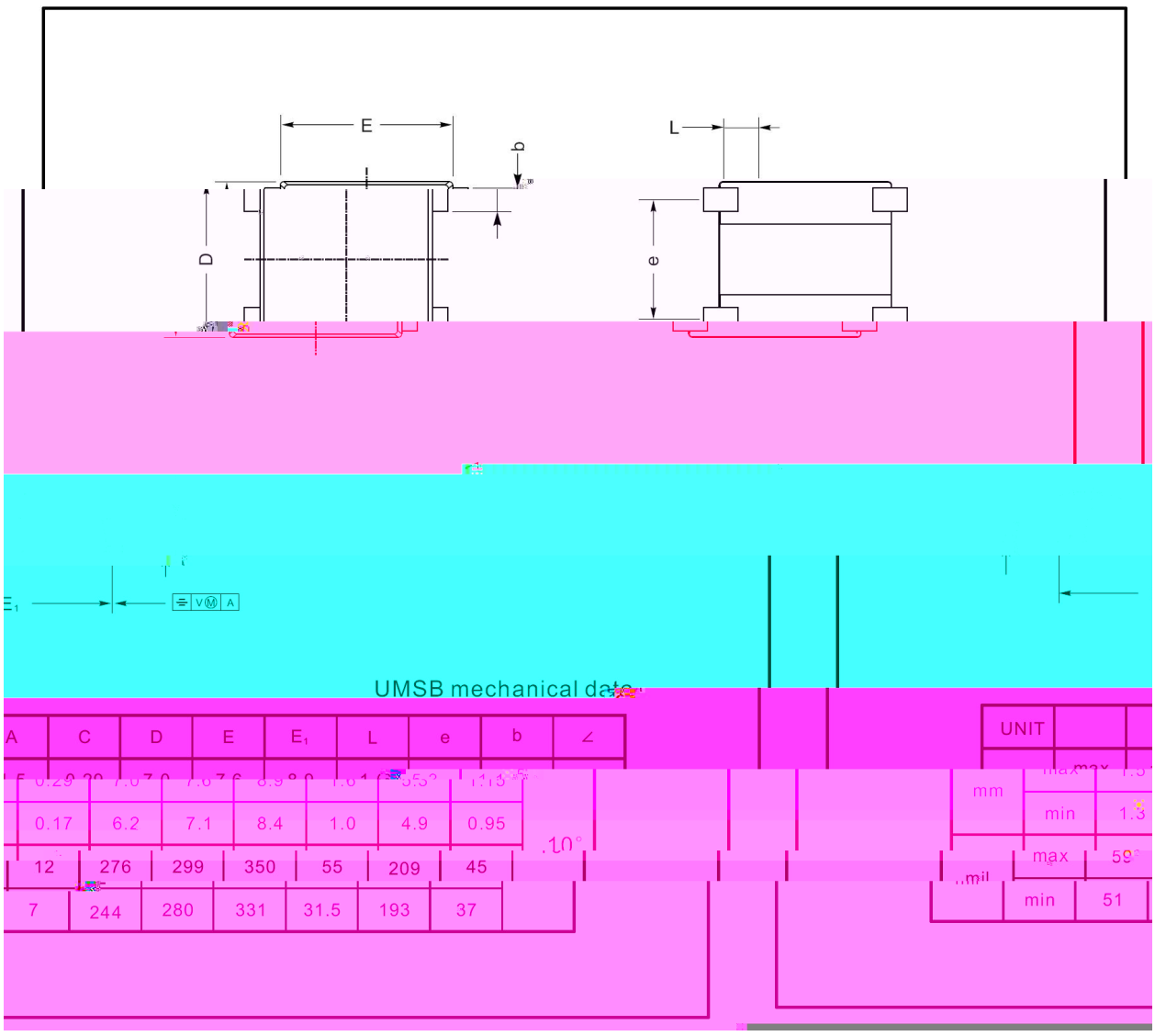



Fig.2 Typical Reverse Characteristics



## / Package Dimensions

UMSB




UMSB mechanical data

| A | C | D | E | $E_1$ | L | e | b | ∠ |
|---|---|---|---|---|---|---|---|---|
| 0.17 | 6.2 | 7.1 | 8.4 | 1.0 | 4.9 | 0.95 | | 10° |
| 12 | 276 | 299 | 350 | 55 | 209 | 45 | | |
| 7 | 244 | 280 | 331 | 31.5 | 193 | 37 | | |

| UNIT | | |
|---|---|---|
| mm | min | 1.3 |
| | max | 59 |
| mil | min | 51 |

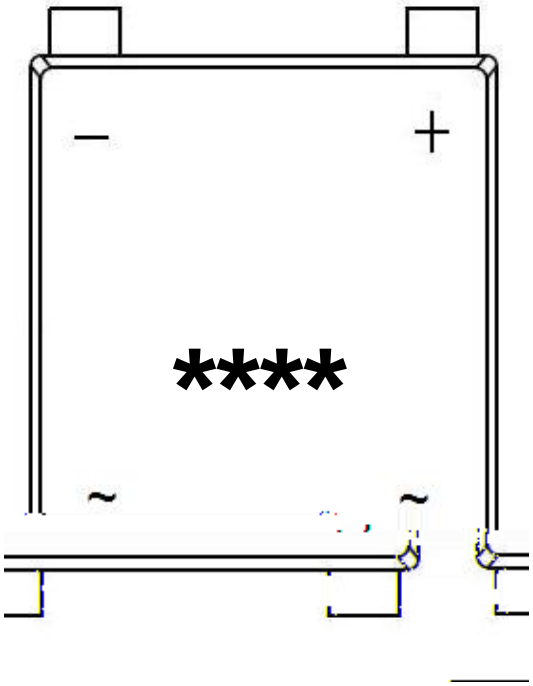
## / Marking Instructions

Marking

| king code |
|---|
| MB40B |
| MB40D |
| MB40G |
| MB40J |
| MB40K |
| MB40M |

| Type number | Mark |
|---|---|
| MSB40B | M |
| MSB40D | M |
| MSB40G | M |
| MSB40J | M |
| MSB40K | M |
| MSB40M | M |

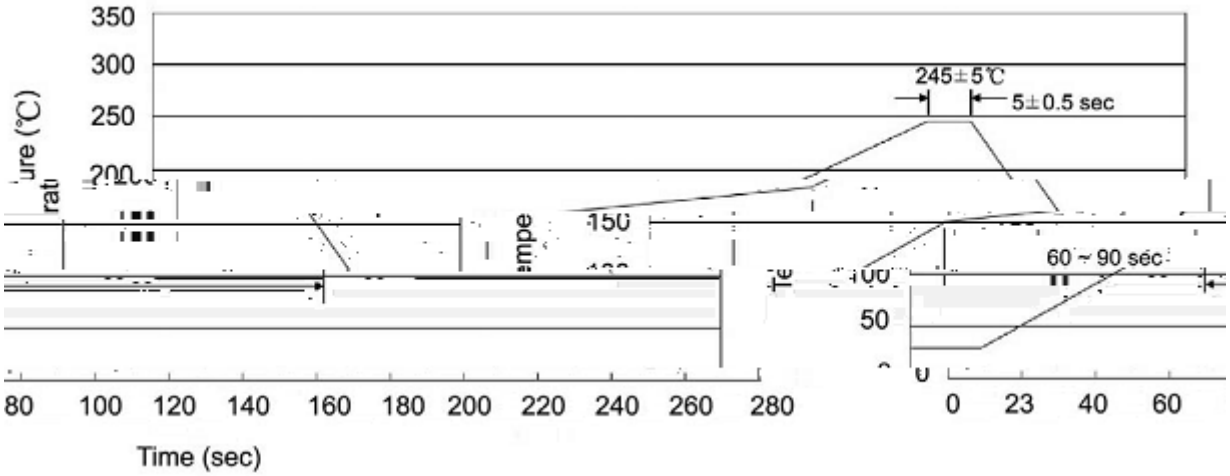
## / Marking Instructions




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




## / Resistance to Soldering Heat Test Conditions

## / Packaging SPEC.