



# MB1L~MB10L

Rev.A Aug.-2024

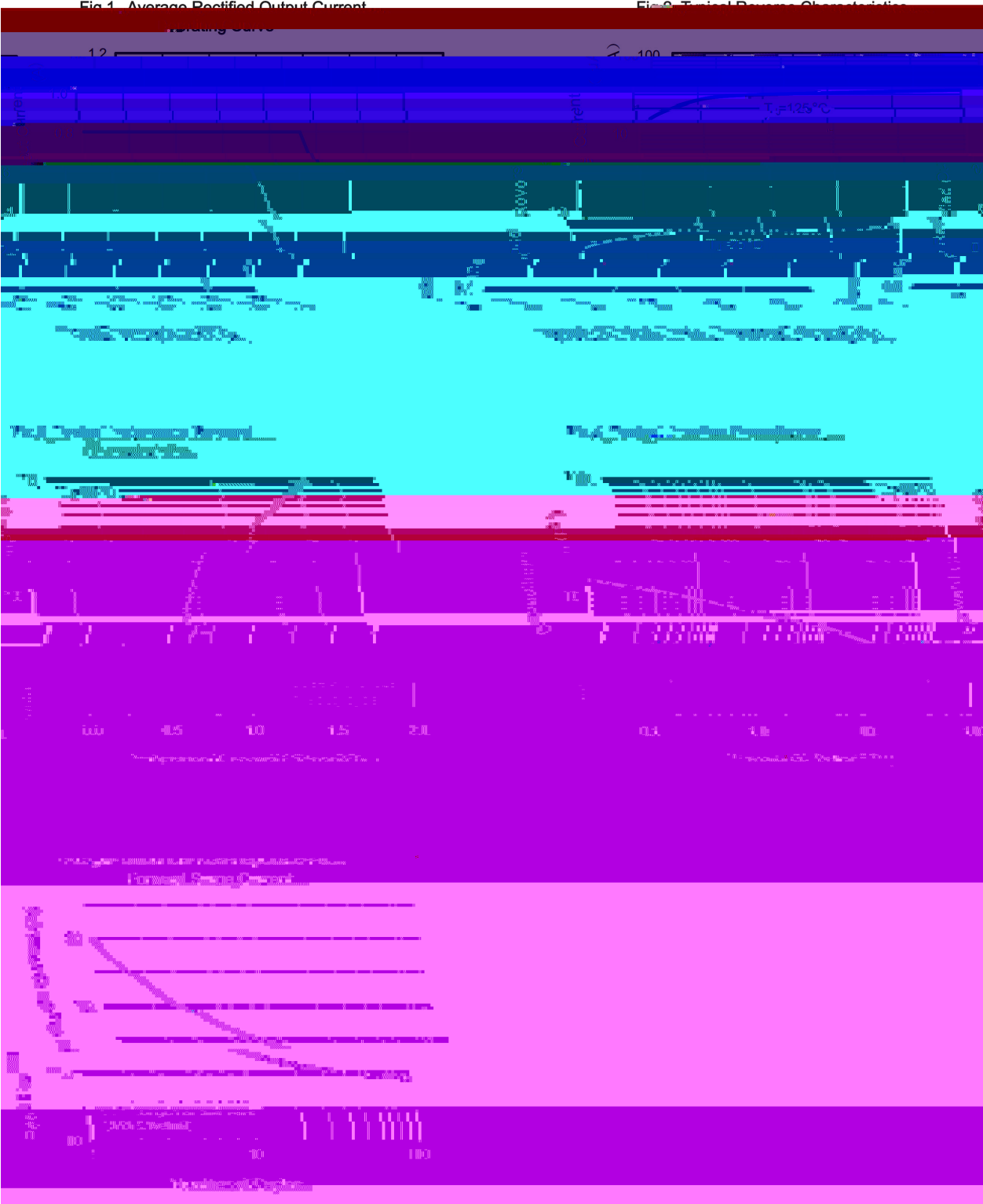


蓝箭电子  
BLUE ROCKET ELECTRONICS

## DATA SHEET

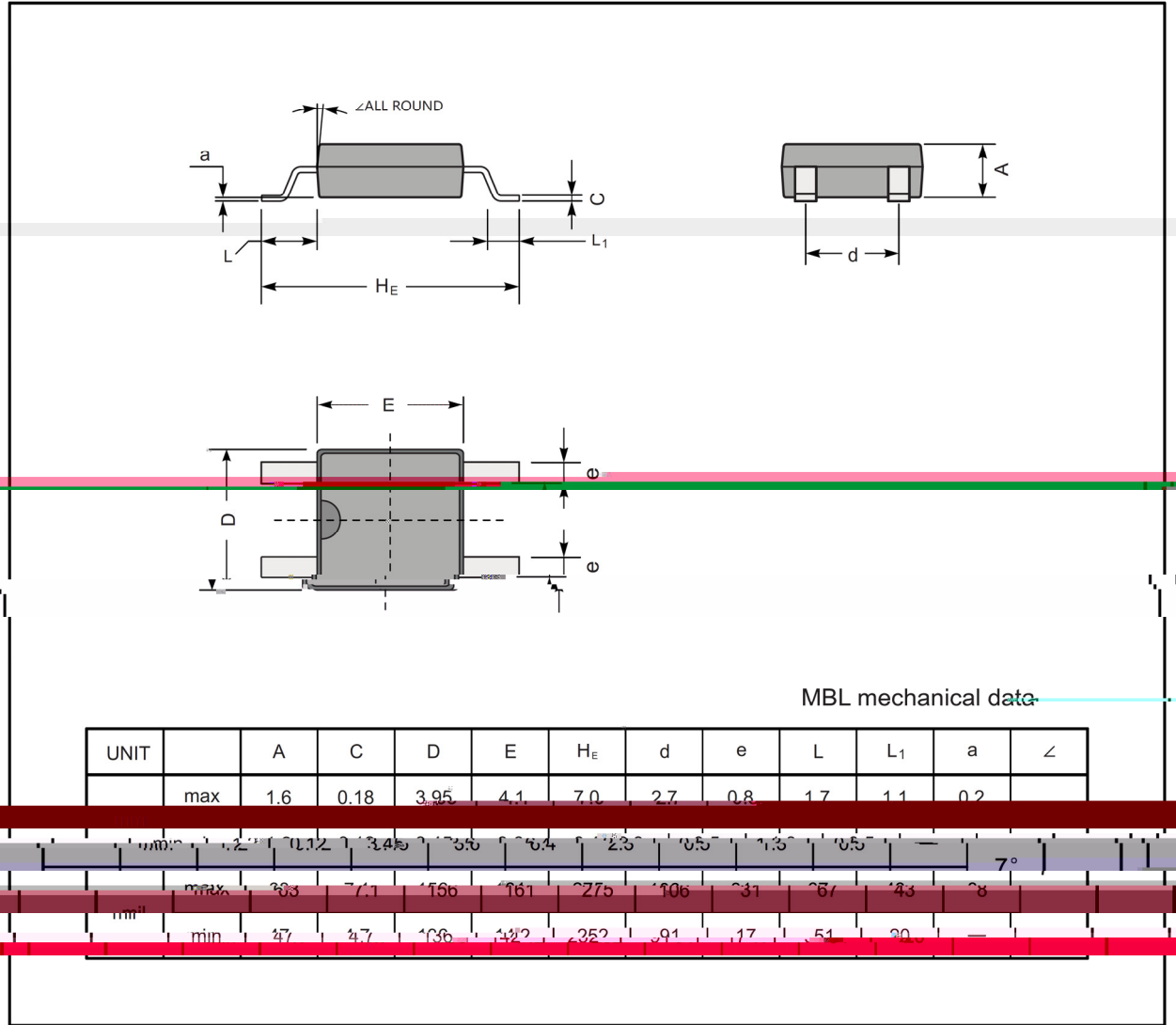
| Parameter                                                                                              | Symbol      | Rating |      |      |      |      |       | Unit |
|--------------------------------------------------------------------------------------------------------|-------------|--------|------|------|------|------|-------|------|
|                                                                                                        |             | MB1L   | MB2L | MB4L | MB6L | MB8L | MB10L |      |
| Maximum Recurrent 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    |
| Maximum Average Forward Rectified Current @ Fig.1                                                      | $I_{F(AV)}$ | 0.8    |      |      |      |      |       | A    |
| Peak Forward Surge Current,8.3ms<br>Single Half Sine-wave Superimposed<br>on Rated Load (JEDEC method) | $I_{FSM}$   | 30     |      |      |      |      |       | A    |
| Peak Forward Surge Current,1.0ms<br>Single Half Sine-wave Superimposed<br>on Rated Load (JEDEC method) | $I_{FSM}$   | RMS    |      |      |      |      |       |      |

/ Electrical Characteristic Curve



/ Package Dimensions

MBL





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

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Note:

1                    150    180                    60