

- High frequency operation
- High purity, high temperature epoxy encapsulation for enhanced mechanical strength and moisture resistance
- Guard ring for enhanced ruggedness and long term reliability
- Meets MSL level 1, per J-STD-020, LF maximum peak of 260°C

Typical applications are in switching power supplies, converters, freewheeling diodes, and reverse battery protection.

- Package : TO-263
- Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant
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	MBRBU40100CT
	MBRBU40100CT
V	100
A	40
A	320
A ² s	425
-	-55 ~ +150
-	-55 ~ +150

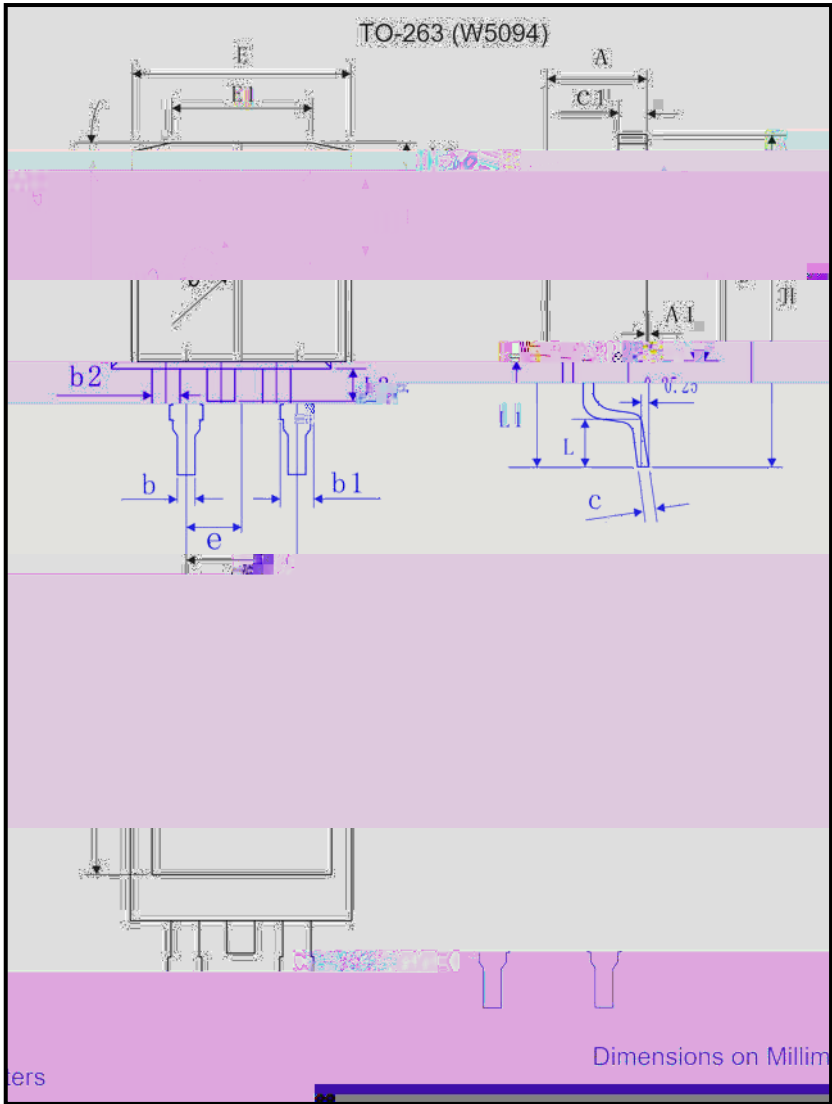
Unless otherwise specified~

±20.0A				0.71
≤VRRM				0.2
5-				
50				

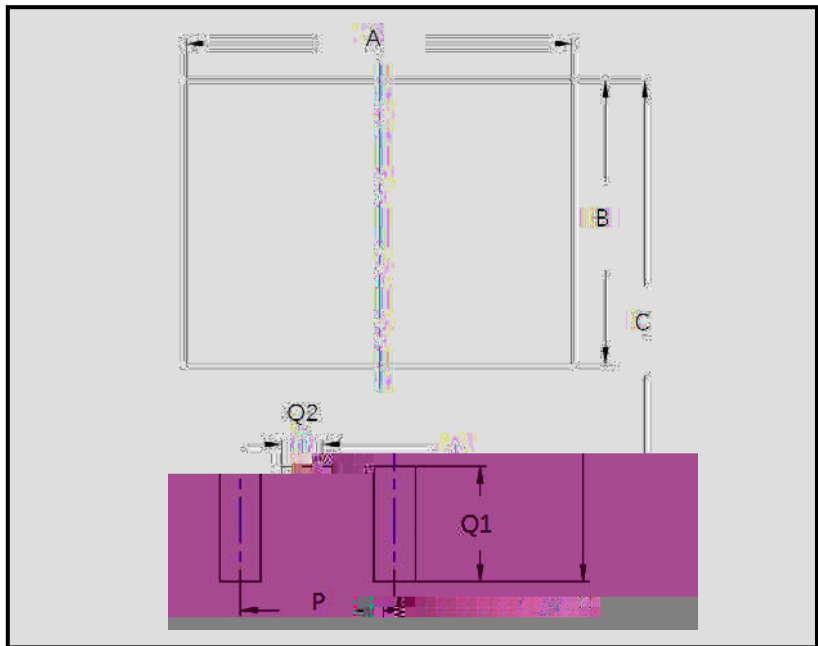


■ ^ T_a=25℃ Unless otherwise specified

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Dim	Min	Max
A	4.30	4.70
A1	0.00	0.25
b	0.70	0.90
B1	1.17	1.37
B2	1.17	1.37
C	0.40	0.60
C1	1.25	1.35
D	9.00	9.20
D1	8.00	8.20
H	14.9	15.5
E	9.80	10.2
E1	6.30	6.50
E2	7.90	8.10
e1	4.93	5.23
L	1.85	2.45
L1	4.45	4.85
L2	1.30	1.70
L3	1.15	1.35
L4	4.50	4.60
$\varnothing$	1.5 REF	
e	2.54 BSC	
ς	13°TYP	



A	12.7
B	9.4
C	16.6
P	5.08
Q1	3.8
Q2	1.35



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