A	2020.05.26	ALL	BRLV30T50ABD MBRB3045		
SH-A	2020-5-27		MBRB3045 ,		
A	2021-10-14	all			
			t لم		

TO-263 ! " # $ % & '

Schottky Barrier Diode in a TO-263 Plastic Package.

( ) * + , - (. / - 0 1 2 3 4 ' 5 6 7 8 '

Low forward voltage drop, low power losses,High efficiency operation. HF Product.

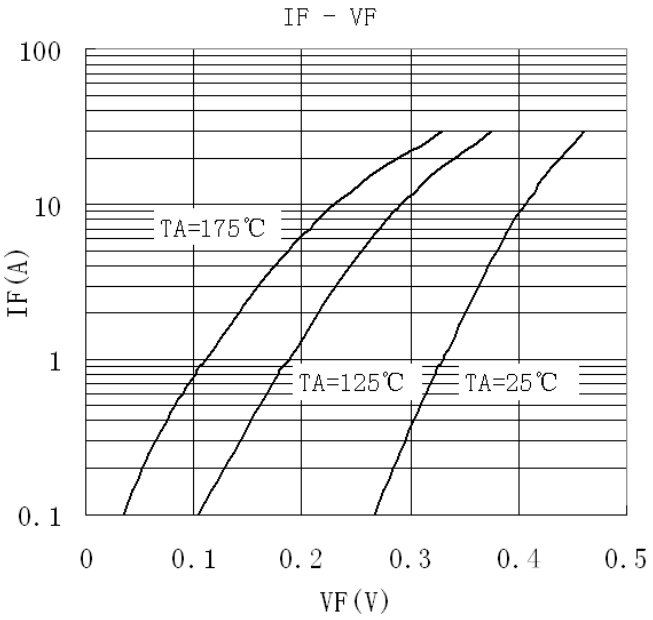
9 : ; < = > ? @ A B C D E F G H $ % & - 9 : 0 I 2 J K L - M N > O - P Q $ % & - OR-ing $ % & - DC-DC R S L T > ? U * G H '

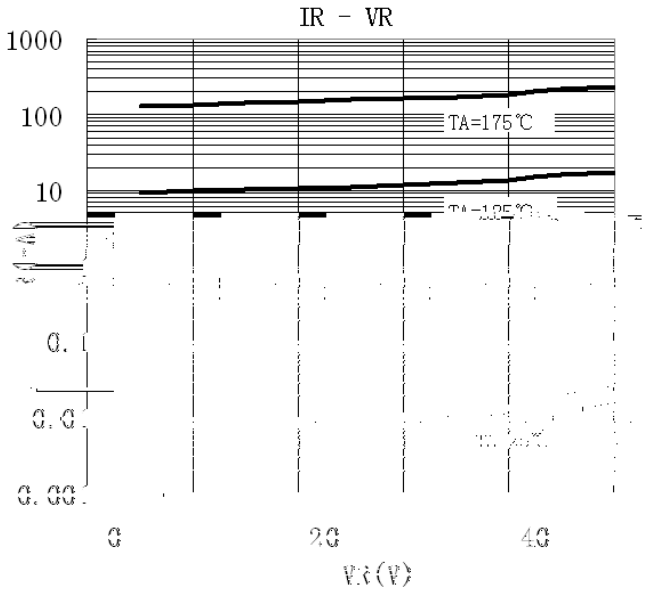
For use in solar cell junction box as a bypass diode for protection,For use in high frequency inverters, switching power supplies, freewheeling diodes,OR-ing diode, dc-to-dc converters and reverse battery protection.

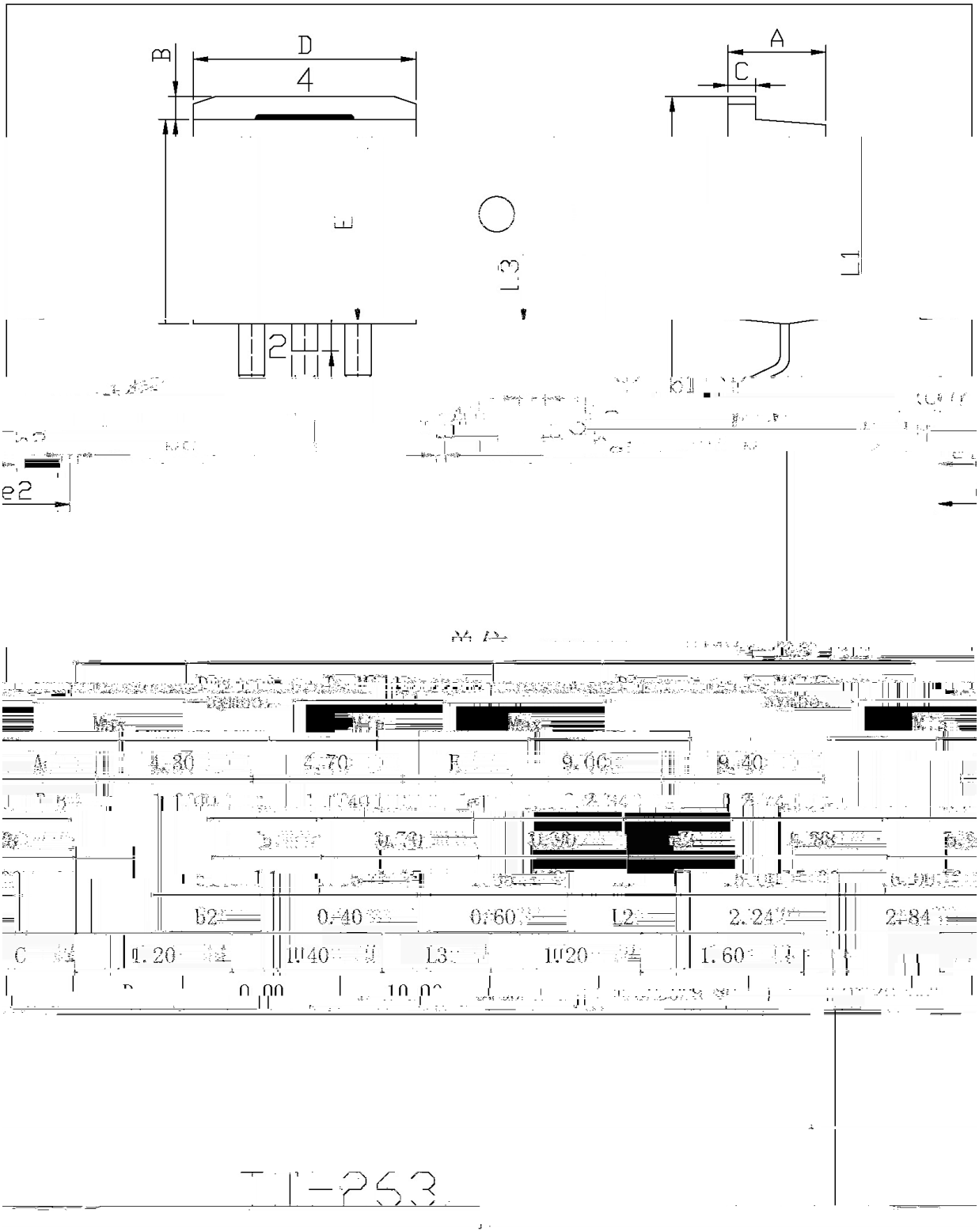


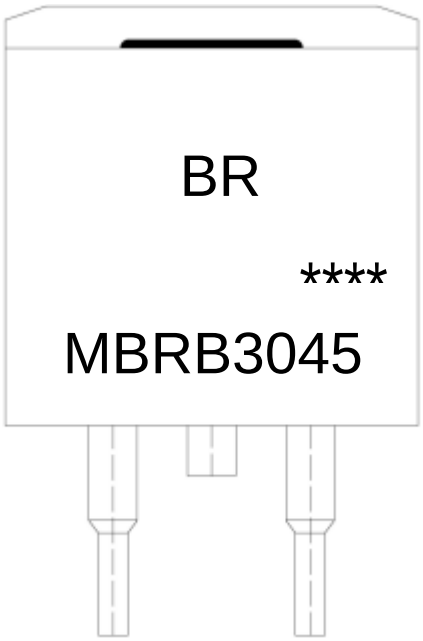
PIN1 V Anode PIN 2W4 V Cathode PIN 3 V Anode

X Y Z [\ ' See Marking Instructions.


IF - VF
100
10
1
0.1
IF(A)
TA=175℃
TA=125℃
TA=25℃
0
0.1
0.2
0.3
0.4
0.5
VF(V)


IR - VR
1000
100
10
TA=175℃
0
20
40


D
4
B
A
C
E
L3
L1
2
e2
A 4.30 4.70 E 9.00 9.40
b2 0.40 0.60 L2 2.24 2.84
C 1.20 1.40 L3 1.20 1.60
0.00 10.00
TT-253



BR

MBRB3045

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Note:

BR:	Company Code
MBRB3045	Product Type Code.
****:	Lot No. Code, code change with Lot No.