

5 é / Descriptions

:5 .> / / x RK' ↪ 8 , íoû

TO-252 Plastic package Schottky diode.

α a / Features

z3 g 9 ë k z Û k |‰‰ k ó)ì D }oû

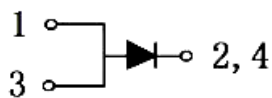
Low forward voltage drop,low power losses,High efficiency operation, HF Product.

Đ ÷ / Applications

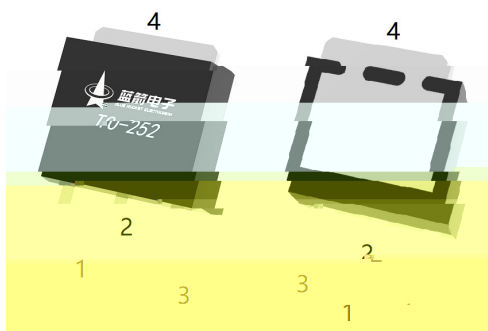
9 ‰ »où z 9où > v Öv 8 , í k “v 8 , í k ë 8 , íoû

For use in low voltage,high frequency inverters,free wheeling,and polarity protection applications.

Ã W] Ô . / Equivalent Circuit



• Ô - æ / Pinning



PIN1 y Anode

PIN 2,4 y Cathode

PIN 3 y Anode

, M V / Marking

- ~ ™ ¢oû

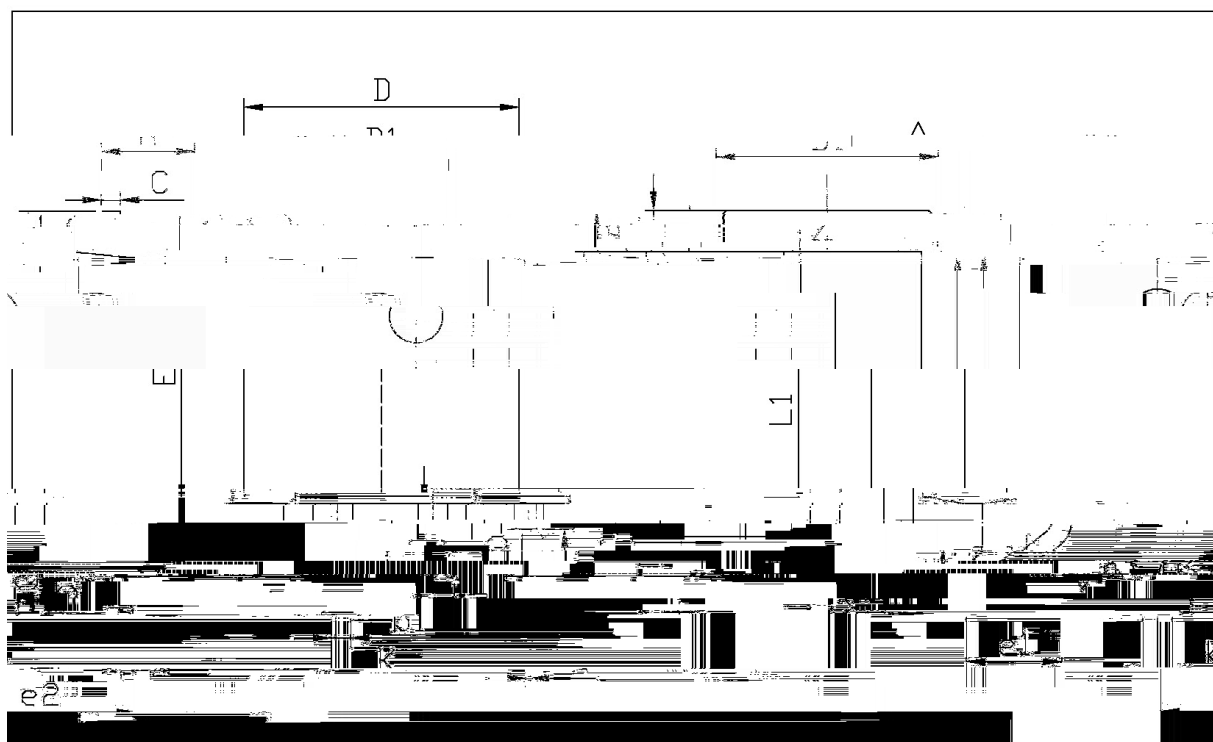
See Marking Instructions.

MBRD1040

Rev.H Oct.-2024

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Reverse Voltage	V_{RRM} V_{RWM} V_{DC}	40	V
RMS Reverse Voltage	V_{RMS}	31.5	V
Average forward rectified Current	$I_{F(AV)}$	1 h 10	A
Non Repetitive Peak Surge Current	I_{FSM}	100	A
Thermal Resistance Junction to Case	R_{JC}	2	/W
Junction and Storage Temperature Range	T_J T_{stg}	-55~+150	

Package Dimensions

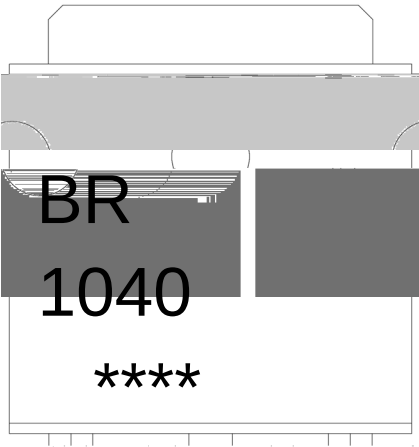


单位: mm

Symbol I		Symbol	
Max	Min	Max	Min
6.25	3.30	2.40	5.95
0.50	0.90	0.20	0.70
0.45	0.55	9.45	9.95
0.60	0.69	0.75	1.20
5.16	5.56	0.00	0.00

11-252

, M y f / Marking Instructions



™ ¢ y	
BR y	□ [W A
1040 y	∫ Z W A
y	˘ D Z W A k ö ˘ D Z J
Note:	
BR:	Company Code
1040:	Product Type Code
****:	Lot No. Code, code change with Lot No

