5 é / Descriptions

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TO-252 Plastic package Schottky diode.

¤ª / Features

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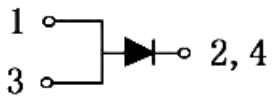
Low forward voltage drop,low power losses,High efficiency operation, HF Product.

Ð ÷ / Applications

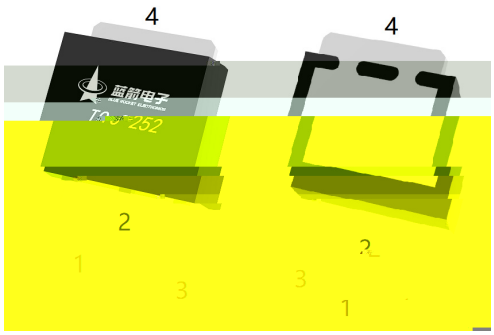
9 ä ¨o z 9o Ý v v 8 â k Ò v 8 â k 8 â o

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

Ã W] Ô · / Equivalent Circuit



• Û - æ / Pinning



PIN1 yAnode PIN 2,4 yCathode PIN 3 yAnode

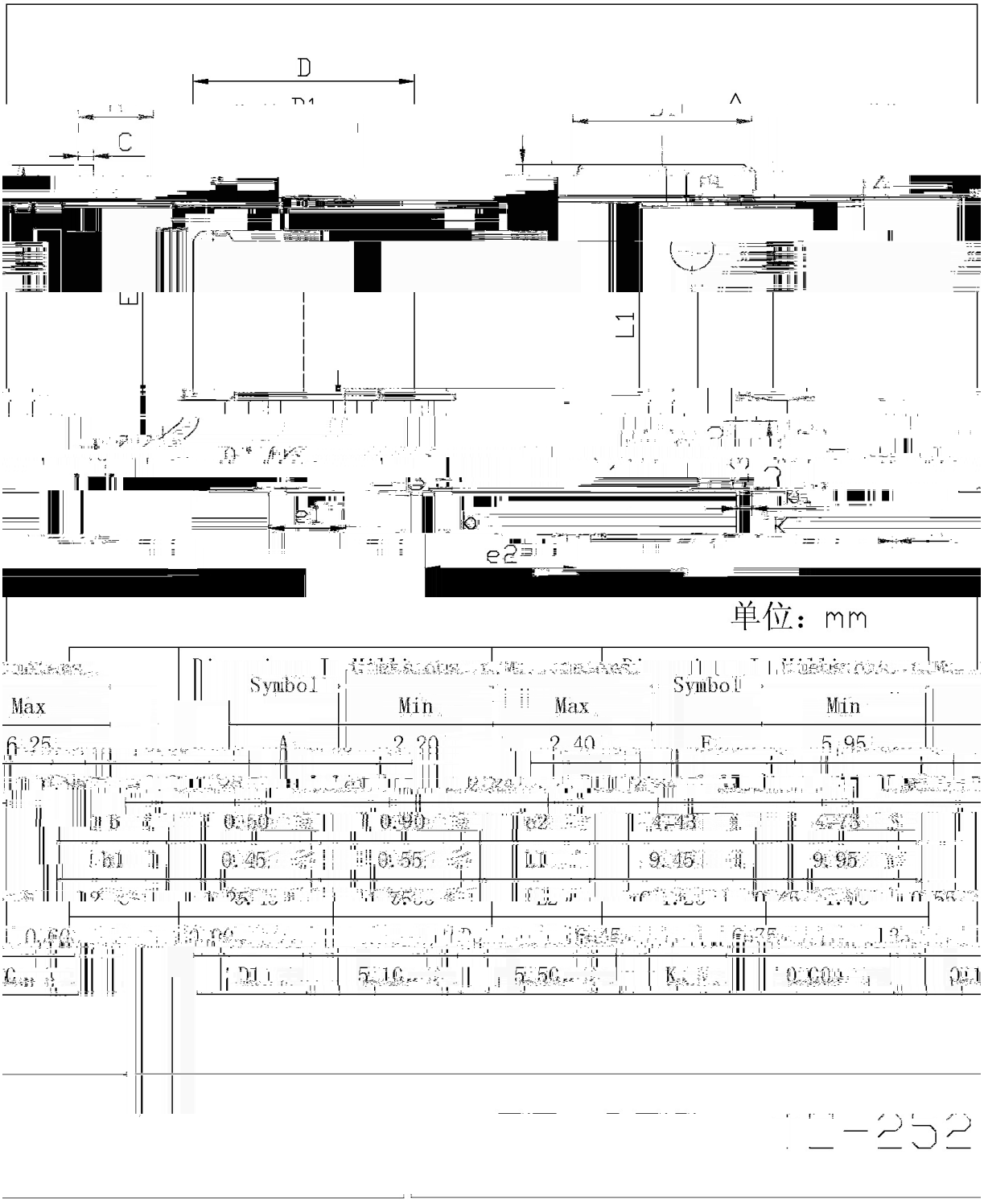
, M V / Marking

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See Marking Instructions.

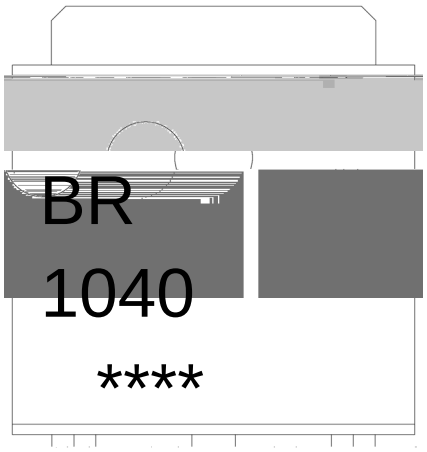
@ Parameter	Z Symbol	Rating	% y Unit
Peak Repetitive Reverse Voltage Working Peak Reverse Voltage DC Reverse Voltage	V_{RRM} V_{RWM} V_{DC}	40	V
RMS Reverse Voltage	V_{RMS}	31.5	V
Average forward rectified Current	$I_{F(AV)}$	1 h 10	A
Non Repetitive Peak Surge Current	I_{FSM}	100	A
Thermal Resistance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

Ø ¤ =) ¢ / Package Dimensions



Symbol	Min	Max	Symbol	Min	Max
A	2.20	2.40	E	5.95	6.25
b	0.50	0.90	e2	4.43	4.73
b1	0.45	0.55	L1	9.45	9.95
c	0.40	0.60	L2	1.20	1.40
D	6.45	6.75	L3	0.50	0.70
D1	5.10	5.50	K	0.000	0.127

, M y ƒ / Marking Instructions



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BR y , [W A

1040 y ” Z W A

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Note:

BR:	Company Code
1040:	Product Type Code
****:	Lot No. Code, code change with Lot No