5 é / Descriptions

: 5 .> / / x RK Ô ´ 8 â o

TO-252 Plastic package Schottky diode.

¤ ª / Features

z 3 g 9 k z ô k k| ä)í ä D }o

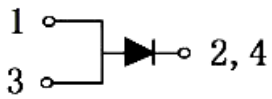
Low forward voltage drop,low power losses,High efficiency operation, HF Product.

Ð ÷ / Applications

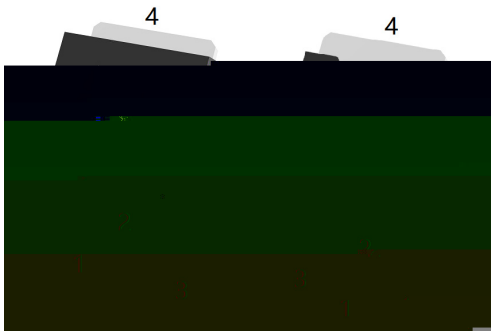
9 ä ¨o z 9o Ý v v 8 â k Ò v 8 â k 8 â o

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

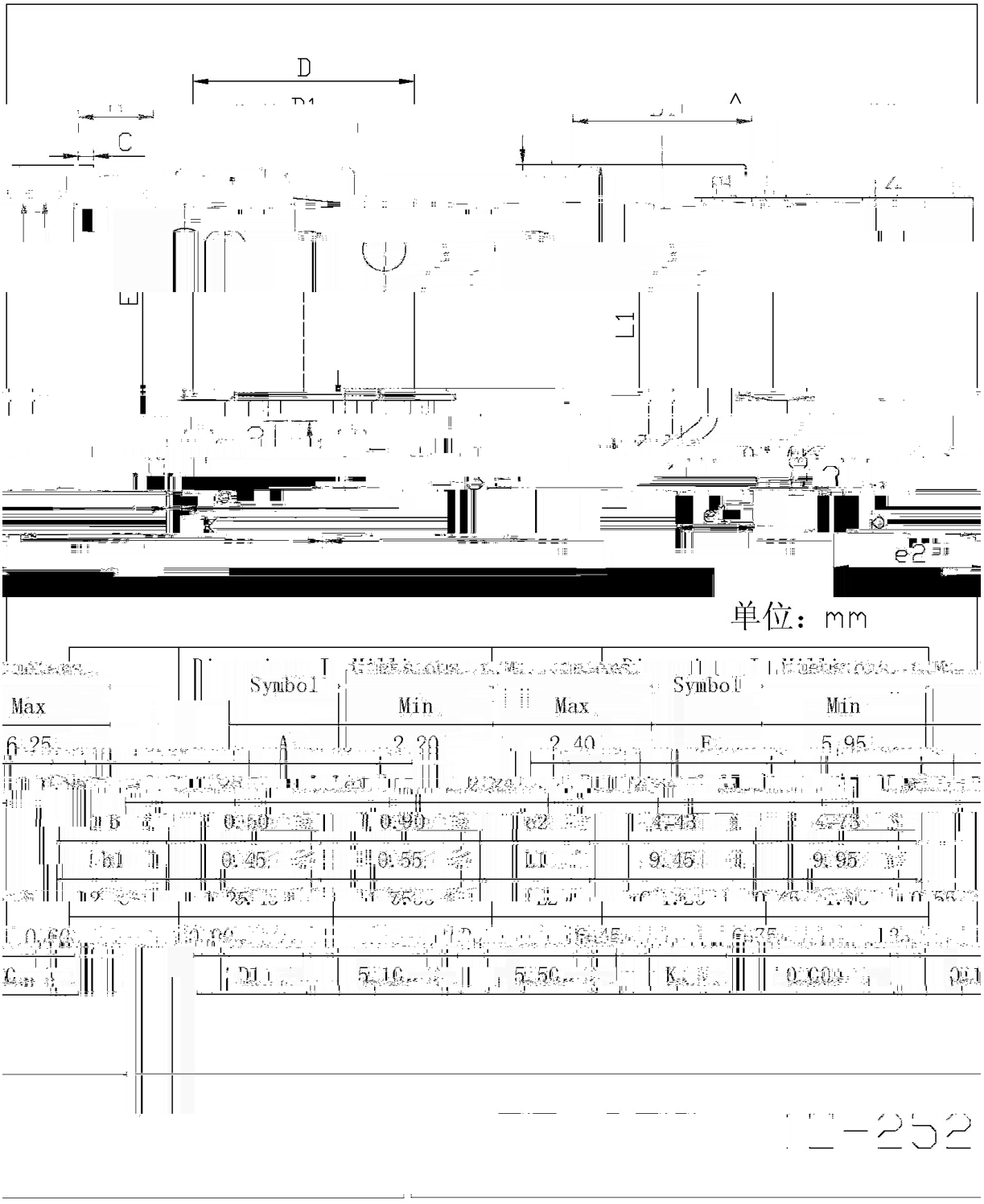
, M V / Marking

- ~ “ ¢o

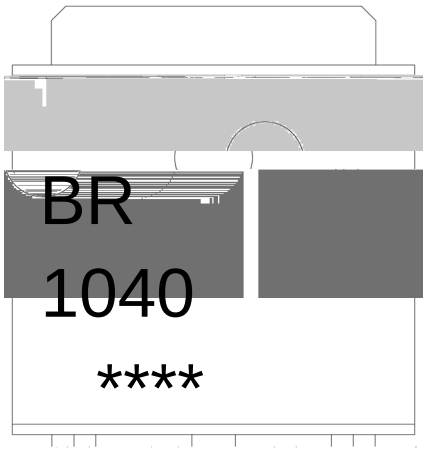
See Marking Instructions.

@ 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



, M y ƒ / Marking Instructions



“ ¢ y

BR y , [W A

1040 y ” Z W A

y ÿ D Z W A k ÿ D Z J

Note:

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