

New Jersey Semi-Conductor Products, Inc.

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1N5550 thru 1N5554

FEATURES

- Voidless hermetically sealed glass package.
- Triple layer passivation.
- Metallurgically bonded.
- JAN/TX/TXV available per MIL-S-19500/420.

MAXIMUM RATINGS

Operating Temperature: -65°C to $+175^{\circ}\text{C}$.
Storage Temperature: -65°C to $+175^{\circ}\text{C}$.

ELECTRICAL CHARACTERISTICS

TYPE	MINIMUM REVERSE BREAKDOWN VOLTAGE V_R @ 50 μA	PEAK INVERSE VOLTAGE PIV VOLTS	AVERAGE RECTIFIED CURRENT to AMPs (65°C)	FORWARD VOLTAGE V_F @ 9A (pk)		REVERSE CURRENT I_R @ PIV μA	REVERSE RECOVERY t_{rr} μSEC
				MIN.	MAX.		
1N5550	240	200	5.0	.6V (pk)	1.2V (pk)	1.0	2.0
1N5551	480	400	5.0	.6V (pk)	1.2V (pk)	1.0	2.0
1N5552	660	600	5.0	.6V (pk)	1.2V (pk)	1.0	2.0
1N5553	880	800	5.0	.6V (pk)	1.3V (pk)	1.0	2.0
1N5554	1100	1000	5.0	.6V (pk)	1.3V (pk)	1.0	2.0

RECTIFIERS

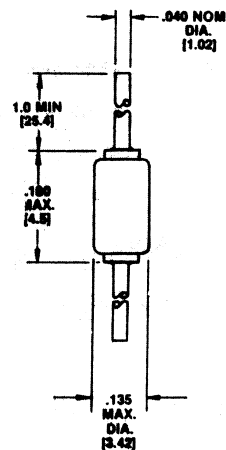


FIGURE 1
PACKAGE E

MECHANICAL CHARACTERISTICS

CASE: Hermetically sealed hard glass.

LEAD MATERIAL: Tinned Copper.

MARKING: Body painted, alpha numeric.

POLARITY: Cathode band.



Quality Semi-Conductors