

**Microsemi Corp.**  
 查询"1N5550"供应商 trade experts



**1N5550  
 thru  
 1N5554**

SANTA ANA, CA

For more information call:  
 (714) 979-8220

**FEATURES**

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

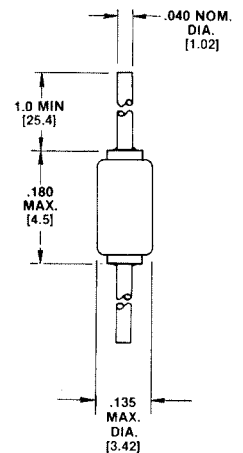
**MAXIMUM RATINGS**

Operating Temperature: -65°C to +175°C.  
 Storage Temperature: -65°C to +175°C.

**ELECTRICAL CHARACTERISTICS**

TYPE	MINIMUM REVERSE BREAKDOWN VOLTAGE @ 50μA	PEAK INVERSE VOLTAGE PIV VOLTS	AVERAGE RECTIFIED CURRENT I <sub>q</sub> AMPS (55°C)	FORWARD VOLTAGE V <sub>f</sub> @ 9A (pk)		REVERSE CURRENT I <sub>r</sub> @ PIV μA	REVERSE RECOVERY t <sub>rr</sub> 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.

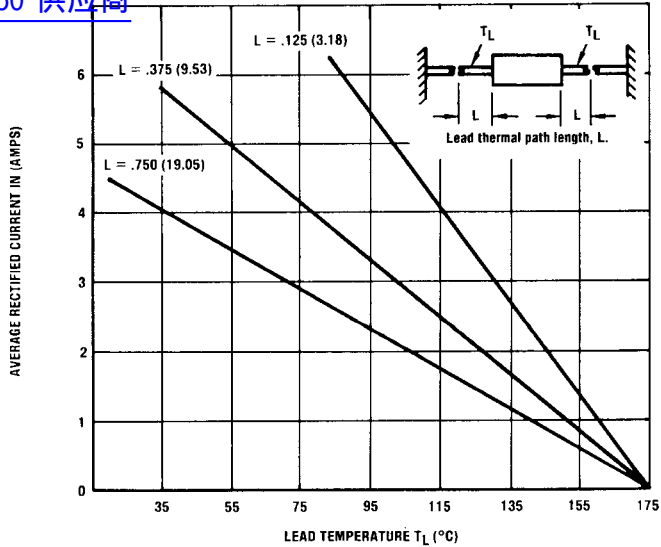
LEAD MATERIAL: Tinned Copper.

MARKING: Body painted, alpha numeric.

POLARITY: Cathode band.

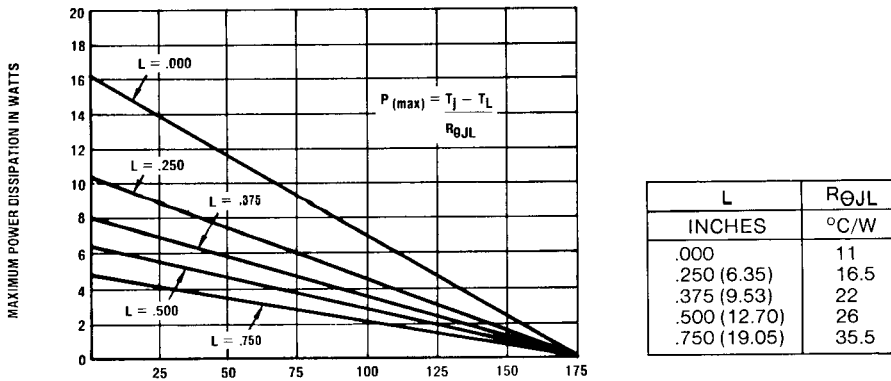
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- NOTES: 1. Dimensions are in inches.  
 2. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.

FIGURE 2  
 MAXIMUM CURRENT vs. LEAD TEMPERATURE



Maximum lead temperature in °C ( $T_L$ ) at point "L" from body (For maximum operating junction temperature of 175°C with equal two-lead conditions).

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FIGURE 3  
 MAXIMUM POWER IN WATTS vs. LEAD TEMPERATURE