

Microsemi Corp.
the diode experts



1N5186 thru 1N5190

SANTA ANA, CA

For more information call:
 (714) 979-8220

FEATURES

- MICROMINIATURE PACKAGE
- VOIDLESS HERMETICALLY SEALED GLASS PACKAGE
- TRIPLE LAYER PASSIVATION
- METALLURGICALLY BONDED
- FAST RECOVERY
- PIV TO 600 VOLTS
- MEETS REQUIREMENTS OF MIL-S-19500/424

MAXIMUM RATINGS

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

Storage Temperature: -65°C to +200°C

ELECTRICAL CHARACTERISTICS

TYPE	V _{RWM}	MINIMUM REVERSE BREAKDOWN VOLTAGE @ 50µA	FORWARD VOLTAGE V _F @ 9Adc		MAXIMUM REVERSE CURRENT @ V _{RWM}		MAXIMUM REVERSE RECOVERY TIME t _{rec}	AVERAGE RECTIFIED CURRENT AMPS	
			MIN	MAX	25°C	100°C		25°C	150°C
1N5186	100V	120V	0.9V(pk)	1.5V(pk)			150	3.0	0.7
1N5187	200V	240V					200	3.0	0.7
1N5188	400V	480V			2.0µA	100µA	250	3.0	0.7
1N5189	500V	550V					300	3.0	0.7
1N5190	600V	660V					400	3.0	0.7

FAST SWITCHING RECTIFIERS

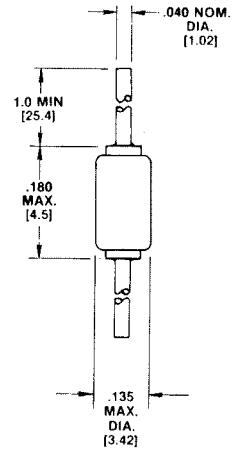


FIGURE 1
PACKAGE E

MECHANICAL CHARACTERISTICS

CASE: Hermetically sealed glass case.

LEAD MATERIAL: Silver clad copper.

MARKING: Body painted, alpha numeric.

POLARITY: Cathode band.