

New Jersey Semi-Conductor Products, Inc.

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MT5100 - MT5103 MT5139 - MT5140

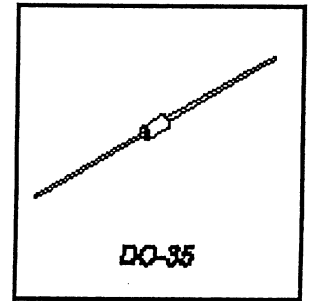
MT2060 - MT2060A MT2061 - MT2061A

FEATURES

- Exhibits leakage currents approaching the theoretical bulk characteristics of silicon.
- Oxide and glass junctions passivated for long-term stable device performance.
- Voidless hermetically sealed glass package.
- Exceeds MIL-S-19500 requirements.

MAXIMUM RATINGS

Storage Temperature: -65°C to +260°C.
 Operating Temperature: -65°C to 260°C.



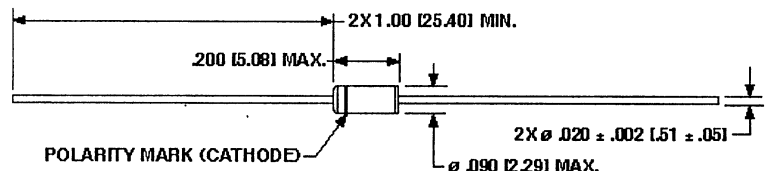
ELECTRICAL CHARACTERISTICS

TYPE NUMBER	MIN. BV @ 100µA @ 25°C VOLTS	Vr VOLTS	MAX. Ir @ Vr @ 25°C PICO AMPS	MAX. Ir @ Vr @ 150°C NANO AMPS	MAX. Ir @ Vr @ 200°C MICRO AMPS	I @ 1.2V MA	MAX. Cap. @ 0V PF	MAX. Cap. @ 10V PF
MT 5100	75	20	10	50	1	100	6	3
MT 5101	75	20	20	100	2	100	6	3
MT 5102	75	20	10	50	1	80	6	3
MT 5103	75	20	20	100	2	80	6	3
MT 5139	60	50	50	75	1	100	6	3
MT 5140	110	100	125	125	2	100	6	3
MT2060	600	500	2000	6000	40	400	10	5
MT2060A	600	500	2000	6000	40	400	16	8
MT 2061	600	500	1000	3000	20	400	10	5
MT 2061A	600	500	1000	3000	20	400	16	8

MECHANICAL CHARACTERISTICS

Case: Hermetically sealed glass case.
 Lead Material: Tinned copper.

Marking: Body painted, alpha numeric.
 Polarity: Cathode band.



NOTE: DIMENSIONS IN INCHES (MM)