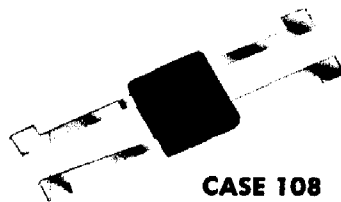


New Jersey Semi-Conductor Products, Inc.

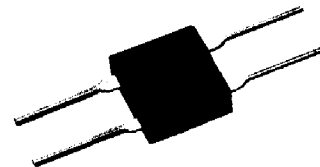
20 STERN AVE.
SPRINGFIELD, NEW JERSEY 07081
U.S.A.

TELEPHONE: (973) 376-2922
(212) 227-6005
FAX: (973) 376-8960

MDA920 SERIES
MDA930 SERIES
MDA940 SERIES
MDA950 SERIES



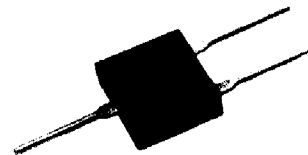
CASE 108
MDA920



CASE 109
MDA920A



CASE 106
MDA930
MDA940
MDA950



CASE 107
MDA930A
MDA940A
MDA950A

Miniature Integral Diode Assemblies (MIDA) are low-current rectifier circuit configurations designed with a high output-current/size ratio for applications where space is at a premium. MIDA packages are available with flat ribbon leads and with round leads. For round leads, add suffix "A" to type number. Example, MDA920A-1.

ELECTRICAL CHARACTERISTICS ($T_A = 25^\circ\text{C}$ unless otherwise noted)

Characteristic	Symbol	Rating	Unit
Maximum Forward Voltage Drop per Cell ($I_F = 500$ mA Continuous)	V_F	1.2	Vdc
Maximum Reverse Current* (Figure 2) ($V_R = \text{Rated } V_{RM}$) 25°C 100°C	I_R^*	60 600	μA_{dc}

*2 cells in parallel - MDA920 series
1 cell - MDA930, MDA940, and MDA950 series

MECHANICAL CHARACTERISTICS

CASE: Transfer molded plastic encapsulation.

FINISH: All external surfaces are corrosion-resistant, terminals are readily solderable.

POLARITY: Embossed symbol on 4-lead devices.

Terminal designation by color dots on 3-lead devices:

- AC input — yellow
- +DC output — red
- DC output — white

MOUNTING POSITION: Any.

WEIGHT (approx.): 0.4 gram.

NJ Semi-Conductors reserves the right to change test conditions, parameter limits and package dimensions without notice. Information furnished by NJ Semi-Conductors is believed to be both accurate and reliable at the time of going to press. However, NJ Semi-Conductors assumes no responsibility for any errors or omissions discovered in its use. NJ Semi-Conductors encourages customers to verify that datasheets are current before placing orders.



Quality Semi-Conductors