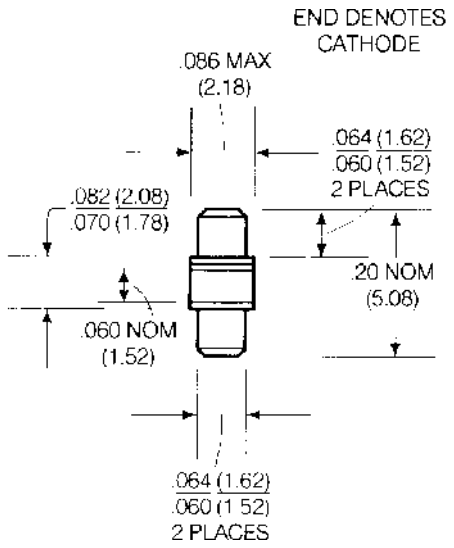
# SILICON DETECTOR DIODE

**PACKAGE STYLE 207-001**




Ink Dot = Cathode

## DESCRIPTION:

The **MA40232-119** is a Zero Bias Silicon Schottky Barrier Detector Diode.

## MAXIMUM RATINGS

| | |
|---|---|
| $P_{DISS}$ | 200 mW @ $T_C$ = 25 $^{O}$C |
| $T_J$ | -65 $^{O}$C to +150 $^{O}$C |
| $T_{STG}$ | -65 $^{O}$C to +175 $^{O}$C |

## CHARACTERISTICS $T_C$ = 25 $^{O}$C

| SYMBOL | TEST CONDITIONS | MINIMUM | TYPICAL | MAXIMUM | UNITS |
|---|---|---|---|---|---|
| $E_O$ | VOLTAGE OUTPUT (NOTE 2) | 15.0 | | | **mV** |
| $Z_V$ | VIDEO IMPEDANCE | 5.0 | | 15.0 | **KΩ** |
| $T_{SS}$ | TANGENTIAL SIGNAL SENSITIVITY NOTES (1 & 2) | -56 | | | **dBM** |

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*Specifications are subject to change without notice.*