



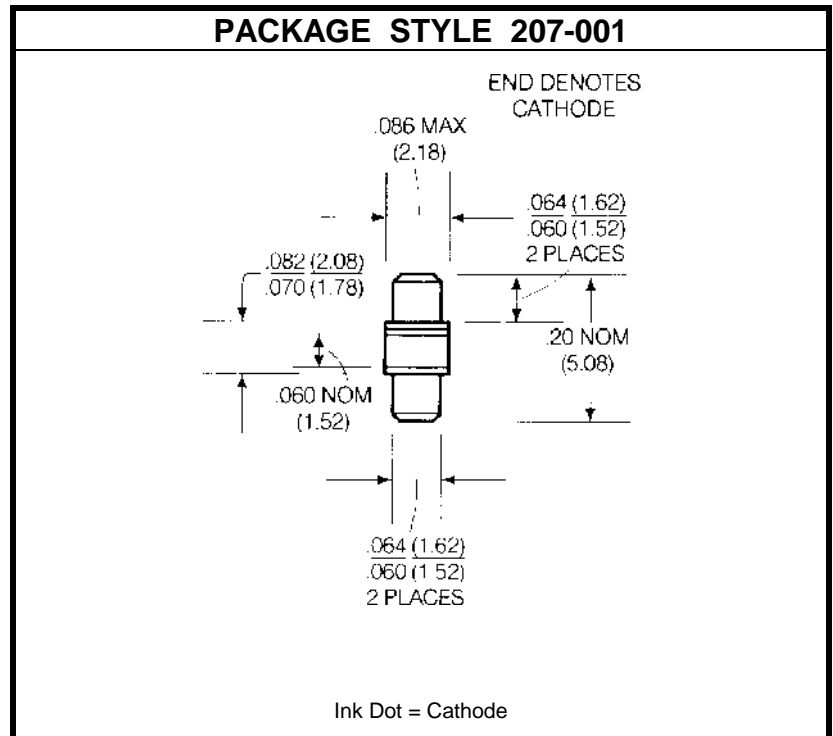
## SILICON DETECTOR DIODE

### DESCRIPTION:

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

### MAXIMUM RATINGS

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



### CHARACTERISTICS $T_C = 25^\circ\text{C}$

SYMBOL	TEST CONDITIONS	MINIMUM	TYPICAL	MAXIMUM	UNITS
$E_o$	VOLTAGE OUTPUT (NOTE 2)	15.0			mV
$Z_v$	VIDEO IMPEDANCE	5.0		15.0	$K\Omega$
$T_{ss}$	TANGENTIAL SIGNAL SENSITIVITY NOTES (1 & 2)	-56			dBm