



**1N483B thru
1N486B and
1N5194 thru
1N5196**

SANTA ANA, CA

For more information call:
(714) 979-8220

FEATURES

- Voidless hermetically sealed glass package (D0-35).
- Triple layer passivation.
- Metallurgically bonded.
- TX types available per MIL-S-19500/118C.
- 1N5194 thru 1N5196 only available in surface mount.

MAXIMUM RATINGS

Operating Temperature: -65°C to +200°C.
Storage Temperature: -65°C to +200°C.
Surge Current: 2A

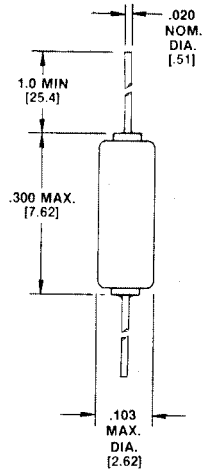
ELECTRICAL CHARACTERISTICS

| TYPE | WORKING PEAK REVERSE VOLTAGE V _{RWM} | BREAKDOWN VOLTAGE (MIN.) V _(BR) @ 100 µA | AVERAGE RECTIFIED CURRENT I _O | | FORWARD VOLTAGE DROP (MAX.) V _F | REVERSE CURRENT (MAX.) I _R @ V _{RWM} | | SURGE CURRENT (MAX.) (NOTE 1) I _S SURGE | JUNCTION CAPACITANCE C _J @ 0V |
|--|--|--|---|-------|--|---|-------|--|--|
| | | | AMPS | | | µA | | | |
| | | | 25°C | 150°C | | 25°C | 150°C | | |
| JAN 1N483B | 70 | 80 | .2 | .05 | 1.0V (pk) @ 100mA pulse | .025 | 5 | 2 | 8 |
| JAN 1N485B | 180 | 200 | .2 | .05 | | .025 | 5 | 2 | 8 |
| JAN 1N486B | 225 | 250 | .2 | .05 | | .025 | 5 | 2 | 8 |
| JAN 1N5194 JAN 1N5195 JAN 1N5196 | SAME AS JAN 1N483B SAME AS JAN 1N485B SAME AS JAN 1N486B | | | | } EXCEPT: PACKAGE D035 | | | | |

PACKAGE: D07 for JAN 1N483B, 485B, 486B.
D035 for JAN 1N5194, JAN 1N5195, and JAN 1N5196.

NOTE 1: I_O = 200mAdc, 10 - 8.3msec surges

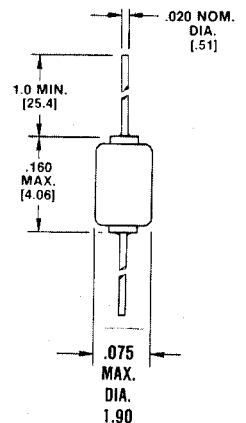
**GENERAL PURPOSE
SILICON DIODES**



**FIGURE 1A
PACKAGE D07**

**MECHANICAL
CHARACTERISTICS**

Case: Hermetically sealed glass case.
Lead Material: Tinned copper.
Marking: Body painted, alpha numeric.
Polarity: Cathode band.



**FIGURE 1B
PACKAGE D0-35**

1N483B - 1N486B. 1N5194 - 1N5196

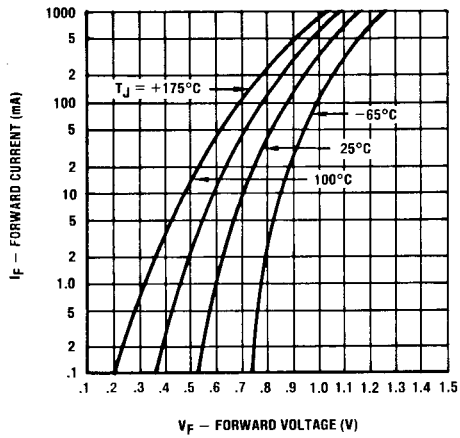


FIGURE 2
FORWARD VOLTAGE vs. FORWARD CURRENT

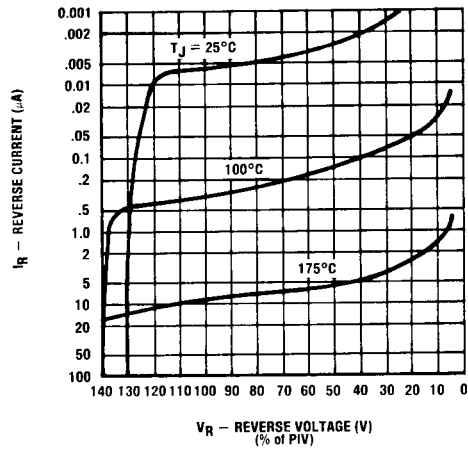


FIGURE 3
REVERSE VOLTAGE vs. REVERSE CURRENT