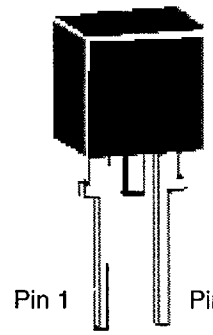
TECCOR
ELECTRONICS, INC.



Modified TO-220

SIDACtor®

Solid State Overvoltage Protection

P326
Applications
Preliminary
Data

Features

- Designed for CATV transient surges
- Bidirectional transient voltage protection
- Clamping speed of nanoseconds
- Surge current capability 1KA, 8x20µs waveform
- Available on tape and reel
- Peerless, economical, rugged package
- Glass passivated junctions for reliability

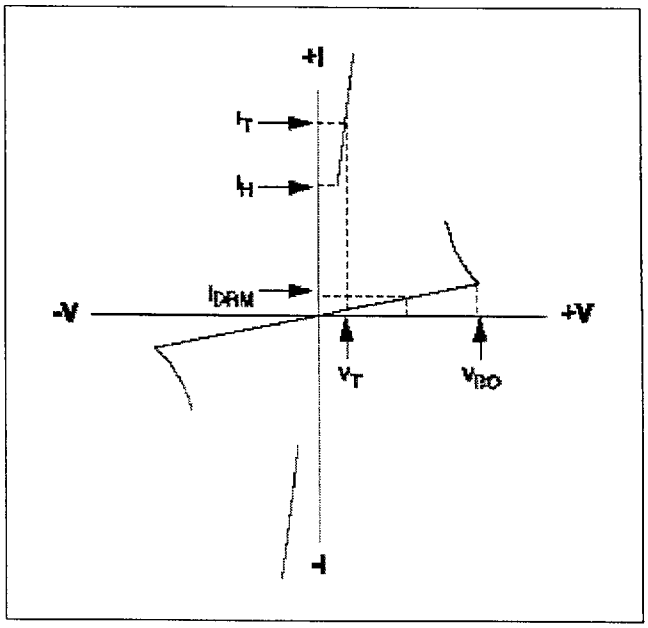
ISO 9000
TECCOR ELECTRONICS, INC.

Electrical Specifications

Parameters		Test Conditions	P326		Units
			Min	Max	
V_{BO}	Breakover Voltage	1kV/s	120	160	V
I_{DRM}	Off-State Leakage Current	Measured at 80% V_{BO} (MIN)		5	µA
I_H	Holding Current		30		mA
V_T	On-State Voltage	Measured at I_T		5	V
I_{PP}	Peak Pulse Current	8x20µs	1000		A
		10x1000µs	250		A
I_{TSM}	Peak Surge Current	1 Cycle, 60 Hz	60		A
		1 Cycle, 50 Hz	50		A
I_T	Continuous On-State Current	DC or RMS	1		A
C_O	Off-State Capacitance	1 MHz, 50VDC BIAS		100 TYP	pF

Note: All parts are 100% surged at 100A, 10x1000µs I_{PP} and monitored at 1000A, 8x20µs I_{PP}

V-I Characteristics of devices with negative resistance.



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Data Sheet: **P326**
February, 1997