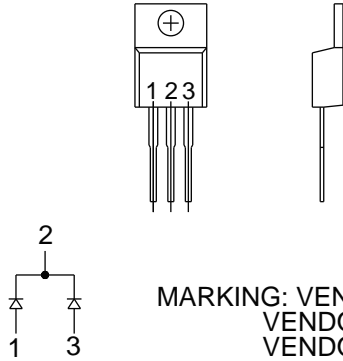


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REV	DESCRIPTION	DATE	APPROVED
A	RELEASED PER ECO #1607 D.Z.	6/9/89	P.M.
A1	REVISED PER E910164 JFW	6/10/91	BJR.
B	REVISED PER E930005 JFW	1/19/93	WWP.
C	REVISED PER E931325 JC	2/23/94	JJG
D	REVISED PER E940748 RCM	10/14/94	DPK
E	REVISED PER E970236 DPK	6/19/97	RCM

TO-220
(SEE NOTE 2)



MARKING: VENDOR OR VICOR #02838
VENDOR DATE CODE
VENDOR I.D.
POLARITY

ELECTRICAL CHARACTERISTICS @ T_J=25°C (UNLESS OTHERWISE SPECIFIED)

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST CONDITIONS
D.C. REVERSE LEAKAGE	I _R			20	mA	V _R =35V
D.C. REVERSE LEAKAGE	I _R			250	mA	V _R = 35V, T = 125°C
INSTANTANEOUS FORWARD VOLTAGE DROP	V _F			.50	V	SEE FIGURE #1 I _F = 10.0A
INSTANTANEOUS FORWARD VOLTAGE DROP	V _F			.60	V	SEE FIGURE #1 I _F = 20.0A
THERMAL RESISTANCE JUNCTION TO CASE	R _{o(jc)}			3	°C/W	
OPERATING TEMPERATURE	T _J	-40 TO +150			°C	
AVALANCHE BREAKDOWN VOLTAGE	A _v	35			V	SEE FIGURE #1 (T _J) TEST TEMP =25°C
AVALANCHE BREAKDOWN ENERGY	E _{as}	15			mJ	PER FIGURE #1

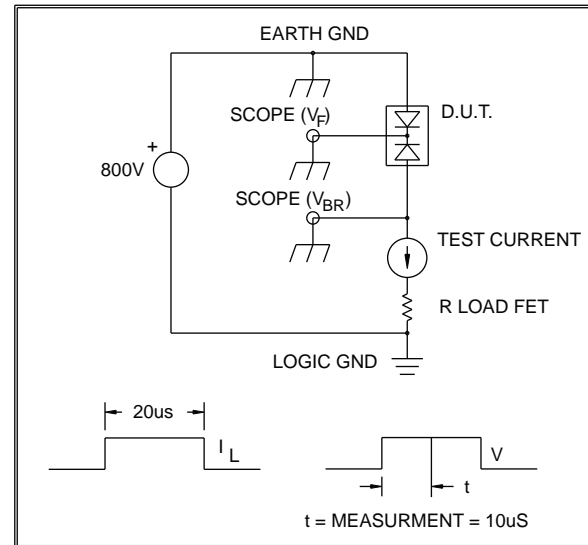


FIG. #1

NOTES

- LEADS TO BE SOLDER TINNED TO WITHIN .08 OR LESS OF BODY.
- MECHANICAL SPECIFICATIONS FOR TO-220 OUTLINE PER VICOR 16435.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ±1/64 .XX ± .01 ± 1° .XXX ± .001	APPROVALS	DATE	VICOR
	DRAWN:	10/88	
THIRD ANGLE PROJECTION	CHECKED:		TO-220 DUAL SCHOTTKY 35V RECTIFIER
DO NOT SCALE DRAWING	SIZE	FSCM NO.	DWG. NO.
	C	67131	02838
	SCALE	NONE	SHEET 1 OF 1