

SENSITRON **SEMICONDUCTOR**

1N3595-1
1N3595US-1

TECHNICAL DATA **DATA SHEET 5086, REV. -**

SJ
SX
SV

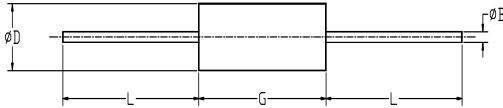
SWITCHING DIODE 1N3595-1, 1N3595US-1

- Hermetic, non-cavity glass package
- Metallurgically bonded
- Physical dimensions: Axial lead similar to DO-35 and surface mount similar to D-5D

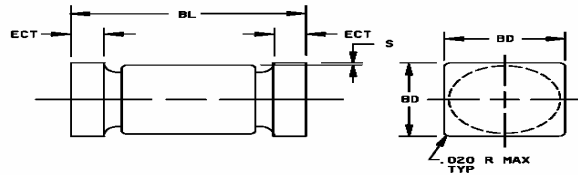
Maximum ratings $T_A = +25^\circ\text{C}$

Type	V_{RWM}	I_O	I_{FSM} $T_p = 1s$	T_{STG}, T_J	$R_{\theta JL}$ $L = .375$	$R_{\theta JEC}$ $L = 0$	$R_{\theta JX}$
1N3595, 1N3595US-1	V(pk) 125	MA 150	mA(pk) 500	$^\circ\text{C}$ -65 to +175	$^\circ\text{C/W}$ 250	$^\circ\text{C/W}$ 40	$^\circ\text{C/W}$ 245

AXIAL



MELF



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PACKAGE	DIMENSIONS - INCHES (MILLIMETERS)			
STYLE	ϕB	ϕD	G	L
DO-35	.018/.022 0.46/0.56	.056/.080 1.42/2.03	.130/.180 3.30/4.57	1.00/1.5 25.4/38.10

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PACKAGE	DIMENSIONS - INCHES (MILLIMETERS)			
STYLE	BL	BD	S	ECT
D-5D	.165/.195 4.19/4.95	.070/.085 1.78/2.16	0.003 Min	.019/.028 0.48/0.71

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