

# **SENSITRON** **SEMICONDUCTOR**

1N3595-1  
1N3595US-1

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

<b>SJ</b>
<b>SX</b>
<b>SV</b>

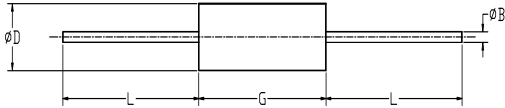
SWITCHING DIODE 1N3595-1, 1N3595US-1

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

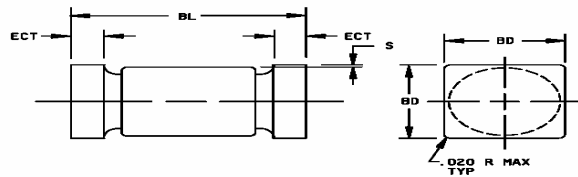
Maximum ratings  $T_A = +25^\circ\text{C}$

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

### AXIAL



### MELF



1N3595, 1N3595US-1

PACKAGE	DIMENSIONS - INCHES (MILLIMETERS)			
STYLE	$\phi B$	$\phi D$	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

1N3595, 1N3595US-1

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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