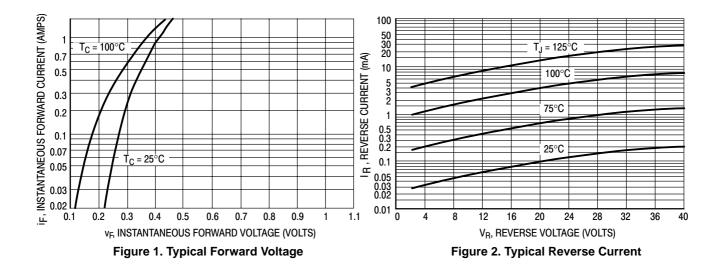
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THERMAL CHARACTERISTICS

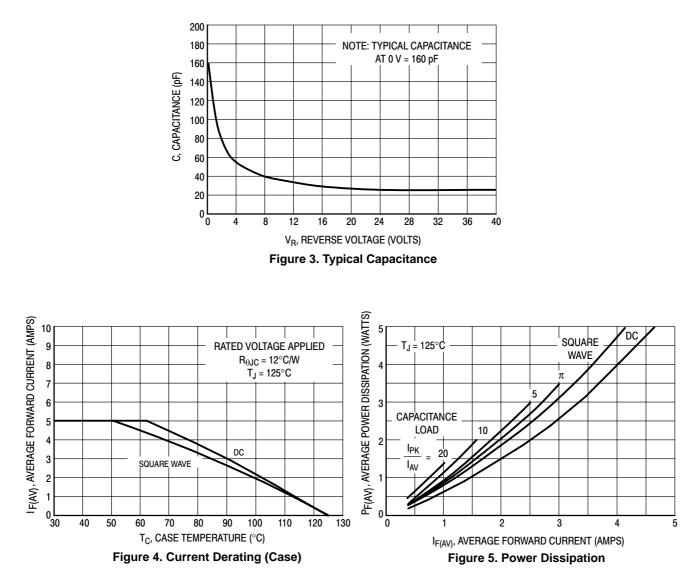
Characteristic	Symbol	Value	Unit				
Thermal Resistance – Junction–to–Lead $(T_L = 25^{\circ}C)$	$R_{ extsf{ heta}JL}$	12	°C/W				
ELECTRICAL CHARACTERISTICS							

Maximum Instantaneous Forward Voltage (Note 1) ($i_F = 1.0 \text{ A}, T_J = 25^{\circ}\text{C}$)	V _F	0.6	V
Maximum Instantaneous Reverse Current (Note 1) (Rated dc Voltage, $T_J = 25^{\circ}C$) (Rated dc Voltage, $T_J = 100^{\circ}C$)	i _R	1.0 10	mA

1. Pulse Test: Pulse Width = 300 μ s, Duty Cycle \leq 2.0%.



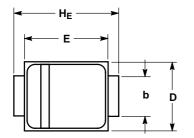
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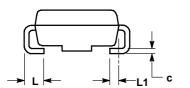


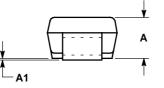
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PACKAGE DIMENSIONS

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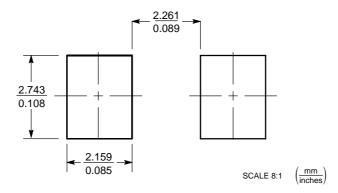


NOTES:

- DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.
 CONTROLLING DIMENSION: INCH.
- 3. D DIMENSION SHALL BE MEASURED WITHIN DIMENSION P.

	MILLIMETERS			INCHES		
DIM	MIN	NOM	MAX	MIN	NOM	MAX
Α	1.90	2.13	2.45	0.075	0.084	0.096
A1	0.05	0.10	0.20	0.002	0.004	0.008
b	1.96	2.03	2.20	0.077	0.080	0.087
С	0.15	0.23	0.31	0.006	0.009	0.012
D	3.30	3.56	3.95	0.130	0.140	0.156
E	4.06	4.32	4.60	0.160	0.170	0.181
HE	5.21	5.44	5.60	0.205	0.214	0.220
L	0.76	1.02	1.60	0.030	0.040	0.063
L1	0.51 REF			0.020 REF		

SOLDERING FOOTPRINT*



*For additional information on our Pb–Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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