

SUSSEX
SEMICONDUCTOR, INC.

12251 TOWNE LAKE DRIVE, FORT MYERS, FLORIDA, 33913 • TEL: (941) 768-6800 • FAX: (941) 768-6868

ULC15

Preliminary Data

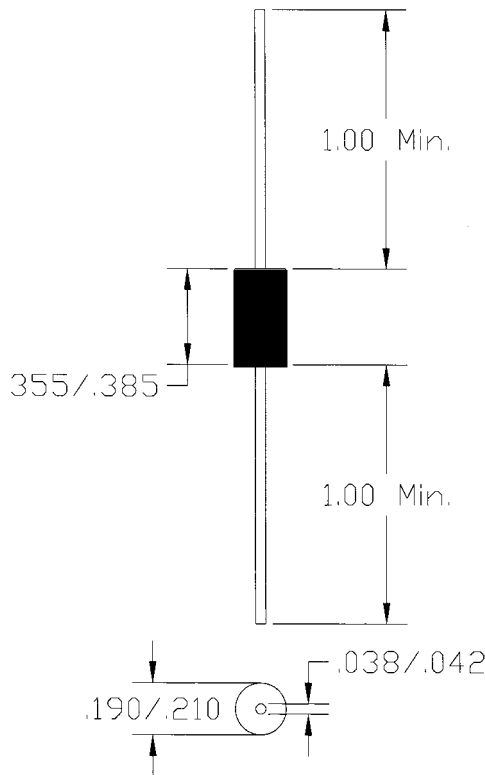
Intro paragraph which is basically the application for the product and the typical uses that it may have.

Features:

- Glass Passivated Junction
- Unidirectional and Bidirectional

Maximum Ratings:

Mechanical Characterists:



All Dimensions In Inches

For additional Information please see charts and graphs. For even further information and to request a quote call the factory at (941) 768-6800.

CUSTOM ORDERING SPECIFIER

DIE SPECIFICATIONS

ULC15-

DEVICE PART
NUMBER

STANDOFF
VOLTAGE

- ♦ BLANK INDICATES UNIPOLAR
DEVICE $\pm 10\%$ ON V_{BR}
- ♦ A INDICATES UNIPOLAR
DEVICE $\pm 5\%$ ON V_{BR}
- ♦ C INDICATES BIPOLAR
DEVICE $\pm 10\%$ ON V_{BR}
- ♦ CA INDICATES BIPOLAR
DEVICE $\pm 5\%$ ON V_{BR}



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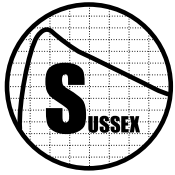
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TABLE 18A - ULC15 SERIES 1500 WATT LOW CAPACITANCE ELECTRICAL SPECIFICATIONS (NOTE

SUSSEX PART NUMBERS 1500 WATT ULC15 SERIES	STANDOFF VOLTAGE (V_{SO}) Volts	MAX. REVERSE LEAKAGE (I_R)@ V_{SO} (NOTE 2) μA	REVERSE BREAKDOWN VOLTAGE (V_{BR}) @ I_R	TEST CURRENT (I_T) mA	MAX. CLAMPING VOLTAGE (V_{CL}) @ PEAK PULSE CURRENT (I_{PP}) (NOTE 3)		MAXIMUM CAPACITANCE (pF)
			Nominal Volts		Volts	Amps	
ULC15-6.8	6.80	500	9.00	10	20.0	>100	46
ULC15-12	12.00	10	15.00	1			46



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Disclaimer:

Sussex Semiconductor, Inc believes that the information contained in this publication is an accurate description of the typical characteristics. However, it is your responsibility to thoroughly test the product in your specific application to determine its performance, efficacy and safety.