

**200 V - 1,000 V Rectifiers**  
**12.0 A - 15.0 A Forward Current**  
**70 ns - 3000 ns Recovery Time**

**Z02ULL - Z10ULL**  
**Z02FLL - Z10FLL**  
**Z02SLL - Z10SLL**

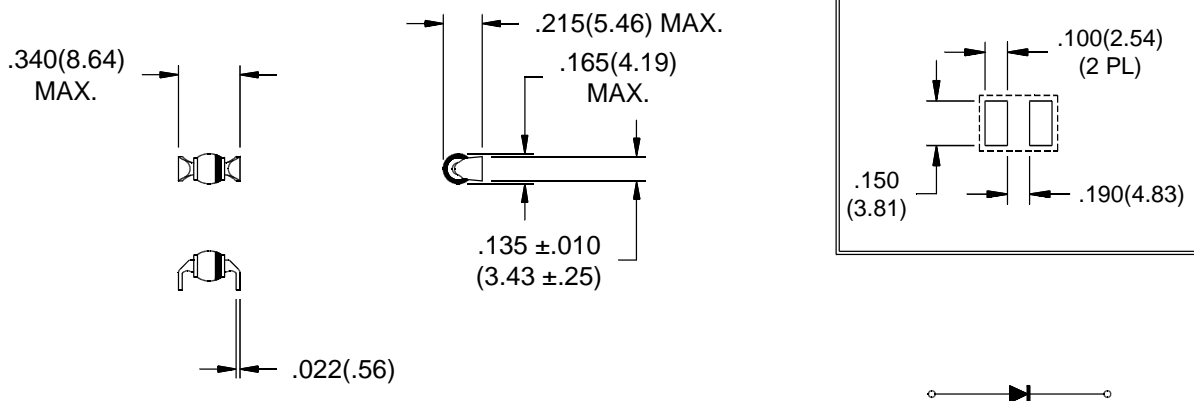
FORMED LEAD



**ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS**

Part Number	Working Reverse Voltage (V <sub>rw</sub> )	Average Rectified Current (I <sub>o</sub> )		Reverse Current @ V <sub>rw</sub> (I <sub>r</sub> )		Forward Voltage (V <sub>f</sub> )		1 Cycle Surge Current t <sub>p</sub> =8.3ms (I <sub>fsm</sub> )	Repetitive Surge Current (I <sub>frm</sub> )	Reverse Recovery Time (3) (T <sub>rr</sub> )	Thermal Impd. θ <sub>J-C</sub>	Junction Cap. @50VDC @1kHz (C <sub>j</sub> )
		55°C(1)	100°C(2)	25°C	100°C	25°C	25°C					
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C/W	pF
Z02ULL	200	15.0	10.0	1.0	25	1.7	9.0	100	25	70	4.0	35
Z06ULL	600	12.0	8.0	1.0	25	1.7	9.0	100	25	70	4.0	35
Z10ULL	1000	12.0	8.0	1.0	25	2.1	9.0	100	25	70	4.0	35
Z02FLL	200	15.0	10.0	1.0	25	1.5	9.0	100	25	150	4.0	35
Z06FLL	600	12.0	8.0	1.0	25	1.5	9.0	100	25	150	4.0	35
Z10FLL	1000	12.0	8.0	1.0	25	1.6	9.0	100	25	150	4.0	35
Z02SLL	200	15.0	10.0	1.0	25	1.1	9.0	150	25	3000	4.0	35
Z06SLL	600	12.0	8.0	1.0	25	1.1	9.0	150	25	3000	4.0	35
Z10SLL	1000	12.0	8.0	1.0	25	1.2	9.0	150	25	3000	4.0	35

(1)TC=55°C (2)TC=100°C (3)I<sub>f</sub>=0.5A, I<sub>r</sub>=1.0A, I<sub>rr</sub>=0.25A \*Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C



Dimensions: In. (mm) • All temperatures are ambient unless otherwise noted. • Data subject to change without notice.



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