

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

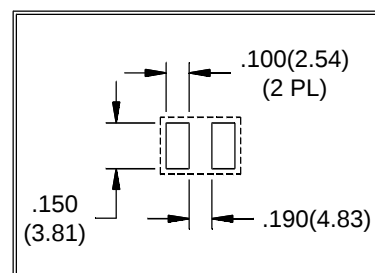
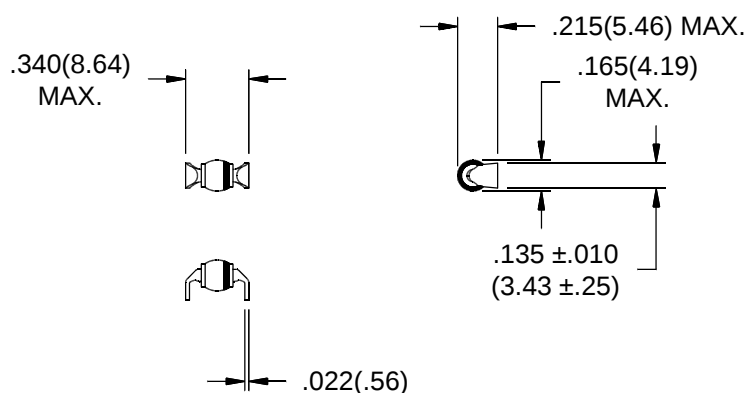
FORMED LEAD



ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ Vrwm		Forward Voltage		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impd. θ_{J-C}	Junction Cap. @50VDC @1kHz (Cj)
	(Vrwm)	(Io)		(Ir)		(Vf)		25°C	25°C	25°C	25°C	25°C
	Volts	55°C(1) Amps	100°C(2) Amps	25°C μ A	100°C μ A	25°C Volts	25°C 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)If=0.5A, Ir=1.0A, Irr=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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Z02ULL - Z10ULL • Z02FLL - Z10FLL • Z02SLL - Z10SLL

