

200 V - 1,000 V Rectifiers

15.0 A Forward Current

70 ns - 3000 ns Recovery Time

Z02UL - Z10UL

Z02FL - Z10FL

Z02SL - Z10SL

SURFACE MOUNT
HERMETICALLY SEALED

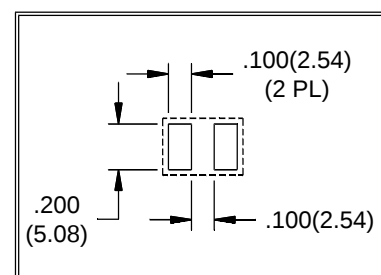
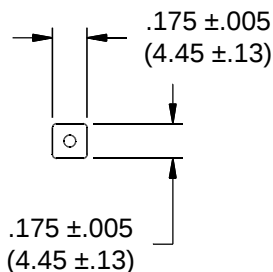
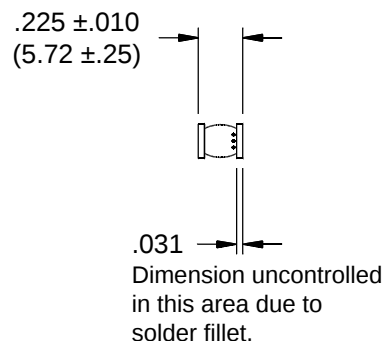


ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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)						
	Volts	55°C(1) Amps	100°C(2) Amps	25°C µA	100°C µA	25°C Volts	25°C Amps	25°C Amps	25°C Amps	25°C ns	25°C °C/ W	25°C pF
Z02UL	200	15.0	10.0	1.0	25	1.7	9.0	100	25	70	3	35
Z06UL	600	15.0	10.0	1.0	25	1.7	9.0	100	25	70	3	35
Z10UL	1000	15.0	10.0	1.0	25	2.1	9.0	100	25	70	3	35
Z02FL	200	15.0	10.0	1.0	25	1.5	9.0	100	25	150	3	35
Z06FL	600	15.0	10.0	1.0	25	1.5	9.0	100	25	150	3	35
Z10FL	1000	15.0	10.0	1.0	25	1.8	9.0	100	25	150	3	35
Z02SL	200	15.0	10.0	1.0	25	1.1	9.0	150	25	3000	3	35
Z06SL	600	15.0	10.0	1.0	25	1.1	9.0	150	25	3000	3	35
Z10SL	1000	15.0	10.0	1.0	25	1.2	9.0	150	25	3000	3	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

Markings:
Three Dots for polarity.



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



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