

High Voltage Diodes - Formed Lead

0.8A - 2.0A • 30ns - 50ns • Hermetic

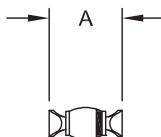
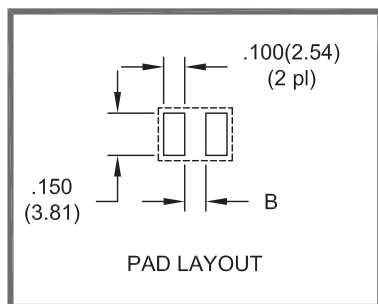
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

Part Number	Working Reverse Voltage	Average Rectified Current		Reverse Current @ V _{rw}		Forward Voltage		1 Cycle Surge Current t _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impd. θ_{J-C}	Junction Cap. @50VDC @1kHz (C _j)
	(V _{rw})	(I _o)		(I _r)		(V _f)						
		55°C(1)	100°C(2)	25°C	100°C	25°C		25°C	25°C	25°C	25°C	25°C
	Volts	Amps	Amps	µA	µA	Volts	Amps	Amps	Amps	ns	°C / W	pF
Z20FF3LL Z50FF3LL	2000 5000	2.0 0.8	1.2 0.4	1.0 1.0	25 25	6.0 12.5	0.75 0.36	65 22	10 4	30 30	5.0 5.0	20 16
Z20FF5LL Z50FF5LL	2000 5000	2.0 0.8	1.2 0.4	1.0 1.0	25 25	6.0 12.5	0.75 0.36	65 22	10 4	50 50	5.0 5.0	20 16

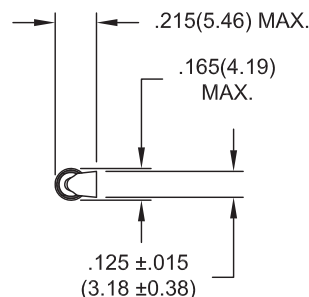
(1)TC=55°C (2)TC=100°C (3)I_f=0.5A, I_r=1.0A, I_{rr}=0.25A *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C



Part	A	B
Z20FF3LL Z20FF5LL	.350(8.89) MAX. .320(8.13) MIN.	.220 (5.59)
Z50FF3LL Z50FF5LL	.390(9.91) MAX. .350(8.89) MIN.	.260 (6.60)



.022 ±.003
(.56 ±.08)
Dimension uncontrolled
in this area due to
solder fillet.



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



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Z20FF3LL/5LL Z50FF3LL/5LL

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