

High Voltage Diode - Formed Lead

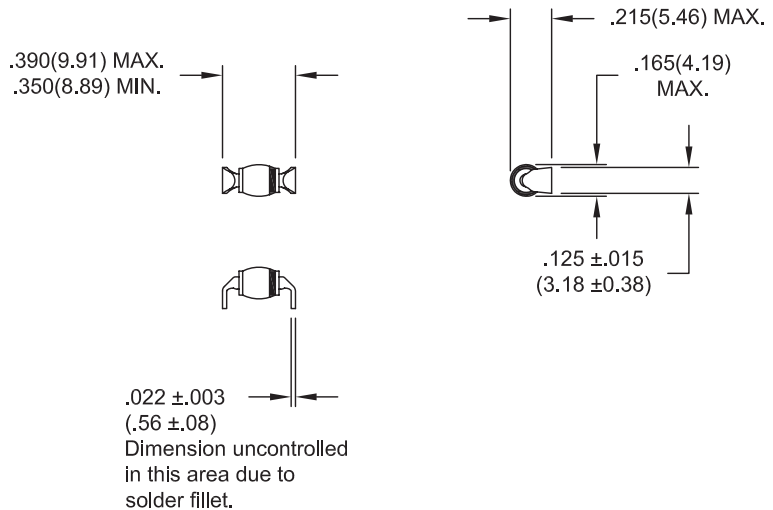
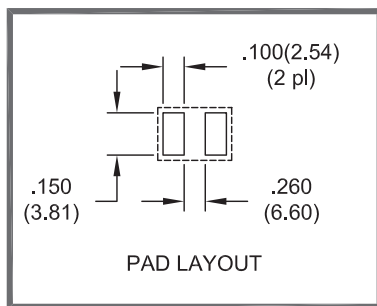
Original Released: 11-05-14

0.80A • 30ns • Hermetic

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	Repetitive Surge Current	Reverse Recovery Time (3)	Thermal Impd. θ_{j-c}	Junction Cap. @50VDC @ 1kHz
				(Ir)								
	(Vrwm)	(Io)		(Vrwm)	3.4kV	(Vf)	(Ifsm)	(Ifrm)	(Trr)	25°C	(Cj)	
		55°C(1)	100°C(2)	25°C	155°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C
	Volts	Amps	Amps	μ A	μ A	Volts	Amps	Amps	Amps	ns	°C/W	pF
Z50FF3LLHT	5000	0.80	0.40	1.0	25	12.5	0.36	22	4	30	2.50	16

(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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