

DO-215 Style Diodes - 3,200V

Original Release: 03-23-09

0.25A - 0.35A • 30ns - 70ns

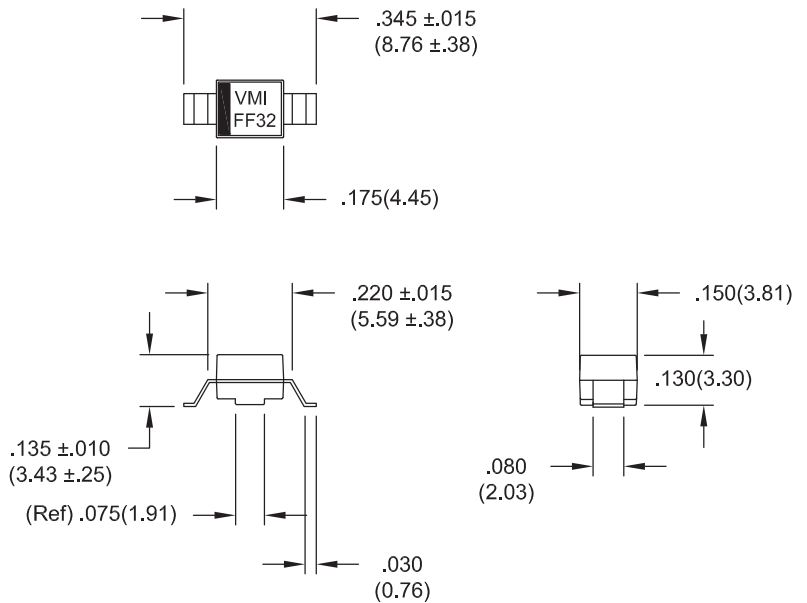
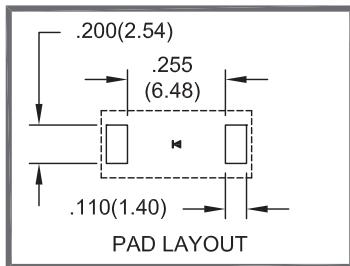
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS													
Part Number	Working Reverse Voltage (V _{rw})	Average Rectified Current (I _o)		Reverse Current @ V _{rw} (I _r)		Forward Voltage (V _f)		1 Cycle Surge Current I _p =8.3ms (I _{fsm})	Repetitive Surge Current (I _{frm})	Reverse Recovery Time (3) (T _{rr})	Thermal Impd. θ_{J-L}	Junction Cap. @50VDC @1kHz (C _j)	Markings
		55°C(1)	100°C(2)	25°C	100°C	25°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	
MD90FF32	3200	0.25	0.15	1.0	25	8.0	0.50	8	2.0	30	18	8	FF32
MD90U32	3200	0.35	0.20	1.0	25	7.0	0.50	8	2.0	70	18	8	U32

(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

Plating:
Tin plating per MIL-T-10727, Type 1,
200-400µin, matte finish.

Tolerance:
.XXX ±.005

PRELIMINARY



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



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