

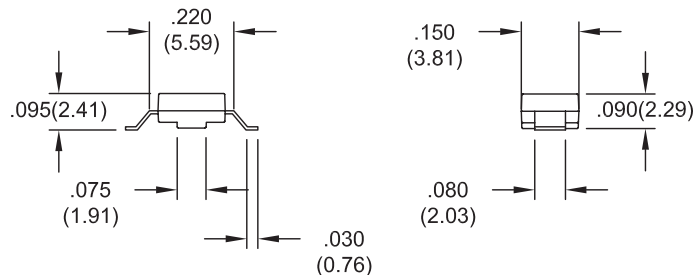
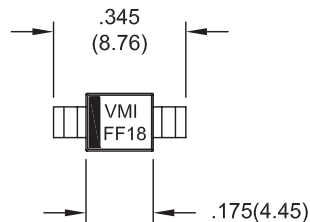
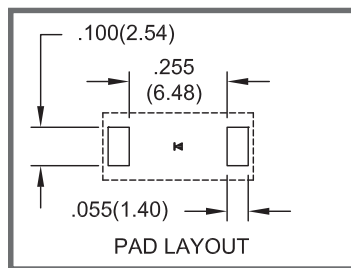
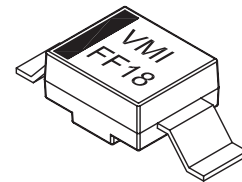
DO-215 Style Rectifiers - 1,800V

0.5 A - 1.0 A • 30ns - 70ns

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-L}	Junction Cap. @50VDC @1kHz (C _j)	Markings
	(V _{rw})	(I _o)		(I _r)		(V _f)		(I _{fsm})	(I _{frm})	(T _{rr})	θ_{J-L}	(C _j)	
	Volts	55°C(1)	100°C(2)	25°C	100°C	25°C	25°C	25°C	25°C	25°C	25°C	25°C	
		Amps	Amps	μA	μA	Volts	Amps	Amps	Amps	ns	°C/ W	pF	
MD90FF18	1800	0.50	0.25	1.0	25	4.0	0.50	20	4	30	18	20	FF18
MD90U18	1800	1.00	0.50	1.0	25	3.6	0.50	20	5	70	18	20	U18

(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
Finish: Bright luster



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



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