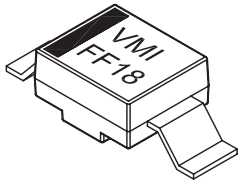
DO-215 Style Rectifiers - 1,800V

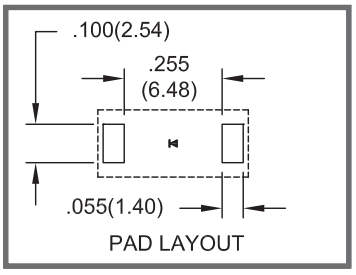
0.5 A - 1.0 A • 30ns - 70ns

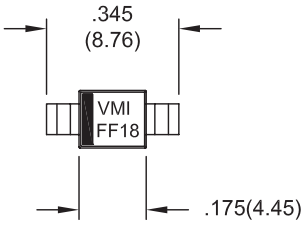
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS													
Part Number	Working Reverse Voltage (Vrwm)	Average Rectified Current (Io)		Reverse Current @ Vrwm (Ir)		Forward Voltage (Vf)		1 Cycle Surge Current tp=8.3ms (Ifsm)	Repetitive Surge Current (Ifrm)	Reverse Recovery Time (3) (Trr)	Thermal Impd. θ_{J-L}	Junction Cap. @50VDC @1kHz (Cj)	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	
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

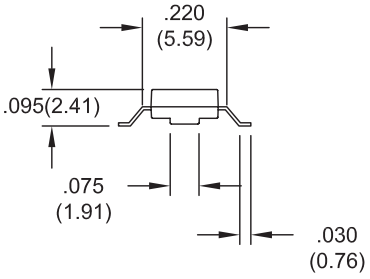
(1)TC=55°C (2)TC=100°C (3)If=0.5A, Ir=1.0A, Irr=0.25A *Op. Temp.= -65°C to +175°C Stg. Temp.= -65°C to +200°C

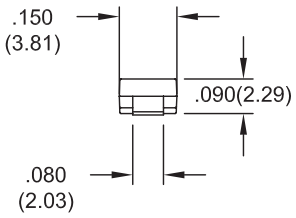
Plating: Tin
Finish: Bright luster













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

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