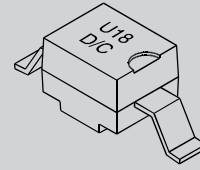


1,800 V Rectifiers

250 mA Forward Current

70 ns - 3000 ns Recovery Time

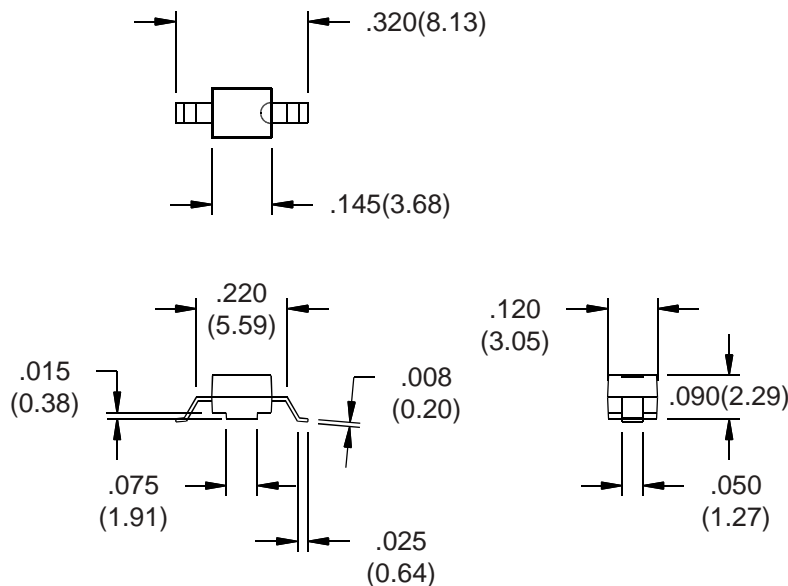
MD60U18
MD60S18



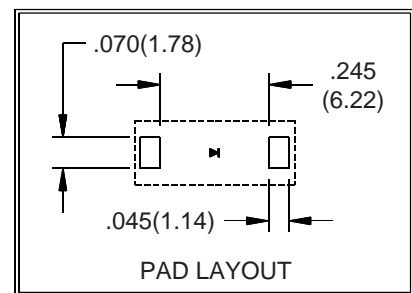
ELECTRICAL CHARACTERISTICS AND MAXIMUM RATINGS

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	
MD60U18	1800	0.25	0.15	1.0	25	4.0	0.25	10	2	70	13	20	U18
MD60S18	1800	0.25	0.15	1.0	25	4.0	0.25	10	2	3000	13	20	S18

(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:
50µin silver over 50µin nickel.



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



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