

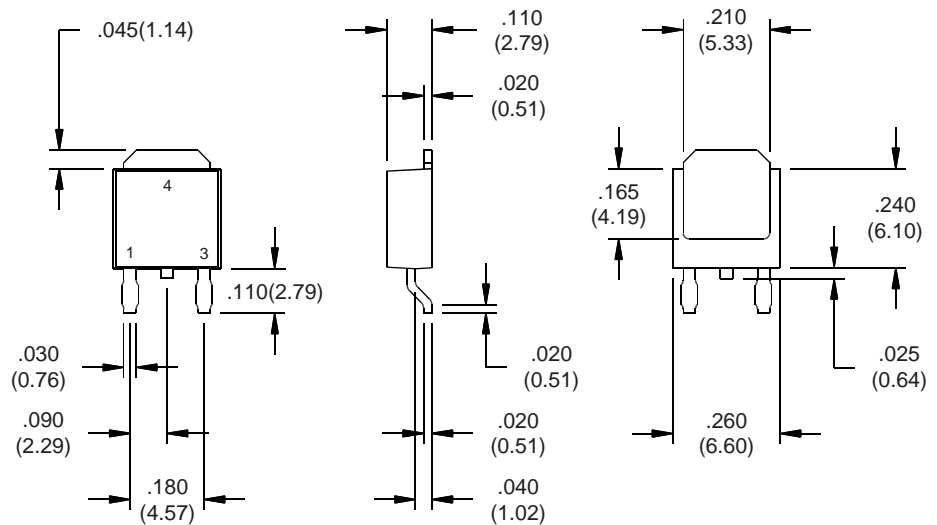
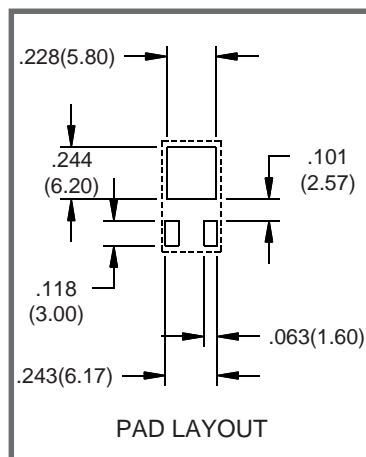
DPAK Rectifiers - 1,800V

1.0A - 2.0A • 50ns - 3000ns • Hermetic

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 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)
		55°C(1)	100°C(2)	25°C	100°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
DP90F18	1800	1.0	0.75	1.0	25	5.5	1.0	40	4	50	0.8	20
DP90U18	1800	2.0	1.0	1.0	25	4.5	2.0	40	5	70	0.8	20
DP90S18	1800	2.0	1.0	1.0	25	4.0	2.0	40	5	3000	0.8	20

(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

PIN 1. CATHODE
3. CATHODE
4. ANODE



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



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