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1.0 AMPERE-SCHOTTKY BARRIER/D0-41

TYPE	Maximum Peak Reverse Voltage PRV V_{PK}	Maximum Average Rectified Current @Half- wave Resistive Load 60Hz I_O @ T_L A_{AV}	Maximum Average Rectified Current @Half- wave Resistive Load 60Hz I_O @ T_L $^{\circ}C$	Maximum Forward Peak Surge Current @8.3ms Superimposed I_{FM} (Surge) A_{PK}	Maximum Reverse Current @PRV @25 $^{\circ}C$ T_A I_R $I_{\bullet}Adc$	Maximum Forward Voltage @25•• T_A I_{FM} A_{PK}	Maximum Forward Voltage @25•• T_A V_{FM} V_{PK}	
1N5817	20	1.0	90	25	1.0	1.0	0.450	
1N5818	30	1.0	90	25	1.0	1.0	0.550	
1N5819	40	1.0	90	25	1.0	1.0	0.600	
SR120	20	1.0	75	40	1.0	1.0	0.55	
SR130	30	1.0	75	40	1.0	1.0	0.55	
SR140	40	1.0	75	40	1.0	1.0	0.55	
SR150	50	1.0	100	40	1.0	1.0	0.70	
SR160	60	1.0	100	40	1.0	1.0	0.70	
SR180	80	1.0	90	40	1.0	1.0	0.85	
SR1A0	100	1.0	90	40	1.0	1.0	1.00	

OPERATIONG TEMPERATURE RANGE

20V TO 45V: -65 $^{\circ}C$ TO +125 $^{\circ}C$ 50V TO 60V: -65 $^{\circ}C$ TO +150 $^{\circ}C$ STORAGE TEMPERATURE -65 $^{\circ}C$ TO +150 $^{\circ}C$ T_L *Lead Temp @3/8" From Body

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