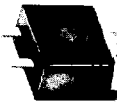


SCHOTTKY BARRIER RECTIFIERS



OPERATING TEMPERATURE RANGE
 20V to 45V: -65°C to +125°C
 50V to 60V: -65°C to +150°C
 STORAGE TEMPERATURE -65°C to +150°C

SURGE PART NUMBER	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C T _A	Maximum Forward Voltage @ 25°C T _A	
	PRV	I _o @ T _C		I _{FM} (Surge)	I _R	I _{FM}	V _{FM}
	V _{PK}	A _{AV}	°C	A _{PK}	mAdc	A _{PK}	V _{PK}



10 AMPERES-SCHOTTKY/TO-220A (CASE 10)

Part Number	PRV	A _{AV}	°C	A _{PK}	I _R	I _{FM}	V _{FM}	V _{PK}
SR1020	20	10	135	150	0.1	20	0.84	
SR1030	30	10	135	150	0.1	20	0.84	
SR1035	35	10	135	150	0.1	20	0.84	
SR1040	40	10	135	150	0.1	20	0.84	

NOTE: 1. Suffix "R" for Reverse Polarity.



16 AMPERES-SCHOTTKY/TO-220 (CASE 11)

Part Number	PRV	A _{AV}	°C	A _{PK}	I _R	I _{FM}	V _{FM}	V _{PK}
SR1620	20	16	90	150	1.0	8.0	0.65	
SR1630	30	16	90	150	1.0	8.0	0.65	
SR1635	35	16	90	150	1.0	8.0	0.65	
SR1640	40	16	90	150	1.0	8.0	0.65	
SR1645	45	16	90	150	1.0	8.0	0.65	
SR1650	50	16	115	150	1.0	8.0	0.75	
SR1670	60	16	115	150	1.0	8.0	0.75	

NOTE: 1. Suffix "A" = Common Anode.
 2. Suffix "C" = Common Cathode.
 3. Suffix "D" = Doubler.



20 AMPERES-SCHOTTKY/TO-3P (CASE 32)

Part Number	PRV	A _{AV}	°C	A _{PK}	I _R	I _{FM}	V _{FM}	V _{PK}
SR2030	30	20	125	250	5	10	0.55	
SR2035	35	20	125	250	5	10	0.55	
SR2040	40	20	125	250	5	10	0.55	
SR2045	45	20	125	250	5	10	0.55	
SR2050	50	20	125	250	5	10	0.65	
SR2060	60	20	125	250	5	10	0.65	

NOTE: 1. Suffix "A" = Common Anode
 2. Suffix "C" = Common Cathode
 3. Suffix "D" = Doubler



25 AMPERES-SCHOTTKY/TO-3P (CASE 32)

Part Number	PRV	A _{AV}	°C	A _{PK}	I _R	I _{FM}	V _{FM}	V _{PK}
SR2530	30	25	125	250	5	12.5	0.55	
SR2535	35	25	125	250	5	12.5	0.55	
SR2540	40	25	125	250	5	12.5	0.55	
SR2545	45	25	125	250	5	12.5	0.55	
SR2550	50	25	125	250	5	12.5	0.65	
SR2560	60	25	125	250	5	12.5	0.65	

NOTE: 1. Suffix "A" = Common Anode
 2. Suffix "C" = Common Cathode
 3. Suffix "D" = Doubler