

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}



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

SR3030	30	30	125	300	5	15	0.55
SR3035	35	30	125	300	5	15	0.55
SR3040	40	30	125	300	5	15	0.55
SR3045	45	30	125	300	5	15	0.55
SR3050	50	30	125	300	5	15	0.65
SR3060	60	30	125	300	5	15	0.65

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



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

SR4030	30	40	125	300	10	20	0.55
SR4035	35	40	125	300	10	20	0.55
SR4040	40	40	125	300	10	20	0.55
SR4045	45	40	125	300	10	20	0.55
SR4050	50	40	125	300	10	20	0.65
SR4060	60	40	125	300	10	20	0.65

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



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

SR5030	30	50	125	400	10	25	0.60
SR5035	35	50	125	400	10	25	0.60
SR5040	40	50	125	400	10	25	0.60
SR5045	45	50	125	400	10	25	0.60
SR5050	50	50	125	400	10	25	0.70
SR5060	60	50	125	400	10	25	0.70

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



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

SR6030	30	60	125	600	10	30	0.65
SR6035	35	60	125	600	10	30	0.65
SR6040	40	60	125	600	10	30	0.65
SR6045	45	60	125	600	10	30	0.65
SR6050	50	60	125	600	10	30	0.75
SR6060	60	60	125	600	10	30	0.75

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