

SCHOTTKY BARRIER RECTIFIERS

OPERATING TEMPERATURE RANGE

20V to 45V: -65°C to + 125°C

50V to 80V: -65°C to + 150°C

STORAGE TEMPERATURE -65°C to + 150°C

TYPE	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 TA	Maximum Forward Voltage @ 25°C TA	
	PRV	I _o @ T _L *		IFM (Surge)	IR	IFM	VFM
	VPK	AAV	°C	APK	mAdc	APK	VPK

T_L * Lead Temp @ 3/8" From Body

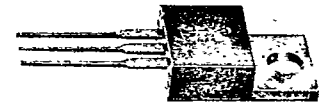
10 AMPERES-SCHOTTKY/TO-220A☆



SB1020	20	10	135	150	5.0	20	0.84
SB1030	30	10	135	150	5.0	20	0.84
SB1035	35	10	135	150	5.0	20	0.84
SB1040	40	10	135	150	5.0	20	0.84
SB1045	45	10	135	150	5.0	20	0.84
SB1050	50	10	135	150	5.0	20	0.84
SB1060	60	10	135	150	5.0	20	0.84

NOTE: Suffix "R" for Reverse Polarity

16 AMPERES-SCHOTTKY/TO-220☆



SB1620	20	16	90	250	10	8.0	0.65
SB1630	30	16	90	250	10	8.0	0.65
SB1635	35	16	90	250	10	8.0	0.65
SB1640	40	16	90	250	10	8.0	0.65
SB1645	45	16	90	250	10	8.0	0.65
SB1650	50	16	115	250	10	8.0	0.75
SB1660	60	16	115	250	10	8.0	0.75

NOTE: Suffix "N" = Negative CT "D" = Doubler Connection

30 AMPERES-SCHOTTKY/TO-3P☆



SB3020	20	30	75	300	10	15	0.65
SB3030	30	30	75	300	10	15	0.65
SB3035	35	30	75	300	10	15	0.65
SB3040	40	30	75	300	10	15	0.65
SB3045	45	30	75	300	10	15	0.65
SB3050	50	30	100	300	10	15	0.75
SB3060	60	30	100	300	10	15	0.75

NOTE: 1. Suffix "N" = Negative CT "D" = Doubler Connection
2. "☆" Tentative Data