

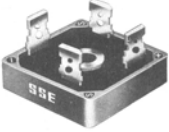



Silicon Carbide Schottky Rectifier Diodes & Bridges

	SILICON CARBIDE SCHOTTKY RECTIFIER DIODES				SILICON CARBIDE SCHOTTKY SINGLE PHASE RECTIFIER BRIDGES			SILICON CARBIDE SCHOTTKY THREE PHASE RECTIFIER BRIDGES		
IL (AV) (AMP) @ T _c °C	10 75	25 75	35 75	50 75	10 55	25 55	35 55	10 55	25 55	35 55
PACKAGE	DO-203 AA (DO-4)	DO-203 AB (DO-5)			29 x 29 MM SQ. ISOLATED METAL CASE			29 x 29 MM SQ. ISOLATED METAL CASE		
VRRM VRSM VOLTS										
400 500 600 720 800 960 1000 1200 1200 1400 1400 1600	SB10D SB10M SB10N SB12P SB12PB SB12PD	SB25D SB25M SB25N SB25P SB25PB SB25PD	SB35D SB35M SB35N SB35P SB35PB SB35PD	SB50D SB50M SB50N SB50P SB50PB SB50PD	SRMSB10D SRMSB10M SRMSB10N SRMSB10P SRMSB10PB SRMSB10PD	SRMSB25D SRMSB25M SRMSB25N SRMSB25P SRMSB25PB SRMSB25PD	SRMSB35D SRMSB35M SRMSB35N SRMSB35P SRMSB35PB SRMSB35PD	3PRMSB10M 3PRMSB10N 3PRMSB10P 3PRMSB10PB 3PRMSB10PD	3PRMSB25M 3PRMSB25N 3PRMSB25P 3PRMSB25PB 3PRMSB25PD	3PRMSB35M 3PRMSB35N 3PRMSB35P 3PRMSB35PB 3PRMSB35PD
					TO ORDER FACTORY ASSEMBLED SINGLE PHASE FULL WAVE RECTIFIER BRIDGE MOUNTED ON COOLING FINS USE SUFFIX "HS"			TO ORDER FACTORY ASSEMBLED THREE PHASE FULL WAVE RECTIFIER BRIDGE MOUNTED ON COOLING FINS USE SUFFIX "HS"		
IFSM (AMP) I _t ²	200 -	300 -	400 -	600	200 -	300 -	400 -	200 -	300 -	400 -
VFM @ IF (AV)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
T _{RR} (NS)	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Q _{RR} (nC)	25	68	68	129	25	25	68	25	25	68
R _{θJC} (°C/W)	2.0	0.65	0.65	0.50	1.5	1.5	1.5	1.5	1.5	1.5
T _J (MAX) °C	175	175	175	175	175	175	175	175	175	175
REMARKS					RECOMMENDED FOR SINGLE PHASE AC FULL WAVE RECTIFICATION.			RECOMMENDED FOR THREE PHASE AC FULL WAVE RECTIFICATION.		