
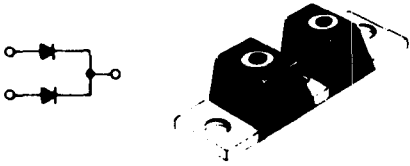


## SCHOTTKY RECTIFIERS (continued)

	$I_O$ , AVERAGE FORWARD RECTIFIED CURRENT (A)						
	65	75	80	120	200	300	
CASE	257-01 Metal  DO5			357B-01 Plastic  Power Tap® **			
VRRM							
20					MBR20020CTL*		
30		BYS75-30***			MBR20030CTL*		
35	MBR6535		MBR7535	MBR8035	MBR12035CT	MBR20035CT	MBR30035CT
40							
45	MBR6545	BYS75-45***	MBR7545	MBR8045	MBR12045CT	MBR20045CT	MBR30045CT
50/60		BYS75-50***			MBR12060CT	MBR20060CT	
IFSM (A)	800	1000	1000	1000	800	1500	2500
$T_j$ or $T_C$ at rated $I_O$ (°C)	120	100	90	120	120	120	
$T_j$ MAX	175	150	150	175	175	175	175
Barrier Metal	Platinum						
$V_F$ MAX at $I_O$ (V)	.62	.64	.60	.59	.60	.635	.57

\* Low  $V_F$  Schottky rectifiers designed for use in 2.5-3 Volt output, switching power supplies have a maximum  $V_F$  of 0.39 Volts at  $I_F = 100$  Amps, 150°C.

\*\*  $I_O$  is total device output.

\*\*\* No. CECC 86-819-032.

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