



### SCHOTTKY RECTIFIERS (continued)

	$I_O$ , AVERAGE FORWARD RECTIFIED CURRENT (A)						
	30	35		40	50	60	
CASE	56-02 Metal 			257-01 Metal 			
VRRM	DO4			DO5			
20			BYS35-20**	1N5832		MBR6020L*	
30			BYS35-30**	1N5833	1N6097	MBR6030L*	BYS60-30***
35		MBR3535				MBR6035	
40				1N5834	1N6098		
45	SD41	MBR3545	BYS35-45**			SD51	BYS60-45***
50			BYS35-50**				BYS60-50
IFSM (A)	600	600	600	800	800	800	800
$T_j$ or $T_c$ at rated $I_O$ (°C)	105	90	100	75	70	100	100
$T_j$ MAX	150	150	150	125	150	150	150
Barrier Metal	Platinum			Chrome	Platinum		
$V_F$ MAX at $I_O$ (V)	.55	.55	.60	.59	.60	.62	.68

\* Low  $V_F$  Schottky rectifiers designed for use in 2.5-3 Volt output switching, power supplies have a maximum  $V_{FF}$  of 0.38 Volts at  $i_F = 60$  Amps, 150°C.

\*\* No. CECC 86-819-031.

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