

$T_C = 25^\circ\text{C}$  unless otherwise specified)

Symbol	Parameter/Test Conditions	Values	
$V_R$	Maximum D.C. Reverse Voltage	400	V
$V_{RRM}$	Maximum Repetitive Reverse Voltage		
$I_{F(AV)}$	Average Forward Current	$T_C = 110$ , Per Diode	150
		$T_C = 110$ , Per Moudle	300
$I_{F(RMS)}$	RMS Forward Current	$T_C = 110$ , Per Diode	210
$I_{FSM}$	Non Repetitive Surge Forward Current	$T_J = 45$	A

# MMF300Y040DK1B

ELECTRICAL CHARACTERISTICS ( $T_C=25^{\circ}\text{C}$  unless otherwise specified)

Symbol	Parameter/Test Conditions	Min.	Typ.	Max.	Unit
$I_{RM}$	Maximum Reverse Leakage Current			0.5	mA
				10	
$V_F$	Forward Voltage		1.2	1.5	
					ns
					ns
					A
					ns
					A

# MMF300Y040DK1B

$I_F(A)$

$Z_{thjc}(K/W)$

$T_c( )$

Rectangular Pulse Duration(S)