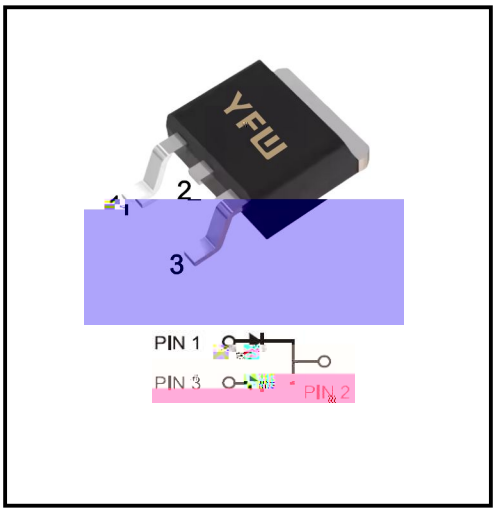
SCHOTTKY BARRIER RECTIFIER

Reverse Voltage - 100 V

Forward Current - 80 A



FEATURES

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MECHANICAL DATA

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Primary Characteristic

I_o	2*40A
V_{RRM}	100V
I_{FSM}	400A
V_F	0.85V
T_J Max	175°C

Maximum Ratings (Per Leg) at Ta=25°C unless otherwise specified

Parameter		Symbols	Value	Units
Maximum Repetitive Peak Reverse Voltage		V_{RRM}	100	V
Maximum RMS voltage		V_{RMS}	70	V
Maximum DC Blocking Voltage		V_{DC}	100	V
Maximum Average Forward Rectified Current	Per Leg	I_o	40	A
	Total 0			
Single Half Sine-wave	I_{FSM} 400	A		
T_J	-55 ~ +175	°C		
T_{STG}	-55 ~ +150	°C		
$R_{\theta C}$	1.5	°C/W		

Electrical Characteristics (Per Leg) unless otherwise specified

Characteristics		Symbols	Value		Units
			Typ	Max	
F		V_F			V
R		I_R			uA
					mA

Marking Diagram

Ordering information

Model name	Package	Unit Weight	Base Quantity	Packing Quantity
MBR80100DC	TO-263	0.04oz(1.16g)	800pcs/reel	1600pcs/box 8000pcs/Carton

Package Dimensions

TO-263

Dim **Mi** **e**

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