

	MBR20150CTSH SCHOTTKY BARRIER RECTIFIER		
	Reverse Voltage - 150 Volts Forward Current - 20 Amperes		
		FEATURES	
		* Halogen-free type * Compliance to RoHS produc * Low power loss & high efficiency * High surge capability * 20 Amperes total (10 Amperes per diode leg) * High surge current capability * Epitaxial construction * Plastic Material-UL Recognition Flammability Classification 94V-0	
		MECHANICAL DATA	
		Case : JEDEC TO-220AB molded plastic body Terminals : Plated Leads, solderable per MIL-STD-750, Method 2026 Polarity : Molded on body Mounting Position : Any	
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS			
Ratings at 25 °C ambient temperature unless otherwise specified.	SYMBOLS	MBR20150CTSH	UNITS
Maximum repetitive peak reverse voltage	VRRM	150	Volts
Maximum RMS voltage	VRMS	105	
Maximum DC blocking voltage	VDC	150	
Peak repetitive forward current (rated VR, square wave, 20KHz)	IFM	20	
Maximum instantaneous forward voltage @ IF= 10 A	VF	0.90 0.75	
Maximum DC reverse current at rated DC blocking voltage	IR	0.005	
@Tj=25 °C @Tj=125 °C		5.0	
Typical junction capacitance (Note)	CJ	200	pF
Typical thermal resistance	R		