DC COMPONENTS CO., LTD.

RECTIFIER SPECIALISTS

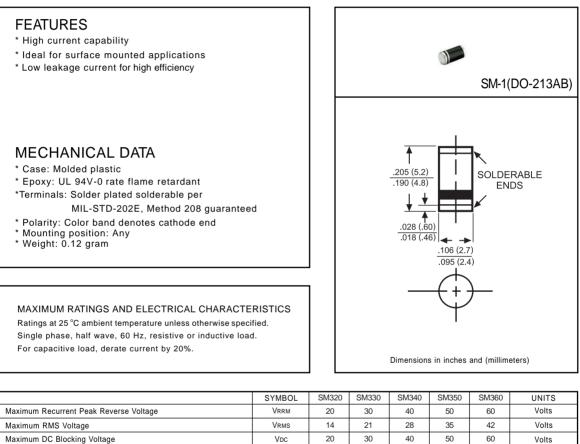
THRU SM360

SM320

TECHNICAL SPECIFICATIONS OF SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER

VOLTAGE RANGE - 20 to 60 Volts

CURRENT - 3.0 Amperes



Maximum RMS Voltage		Vrms	14	21	28	35	42	Volts
Maximum DC Blocking Voltage		VDC	20	30	40	50	60	Volts
Maximum Average Forward Rectified Current at TA=90°C		ю	3.0					Amps
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC Method)		IFSM	80					Amps
Maximum Instantaneous Forward Voltage at 3.0A DC		VF	.475	.500	.525	25 .70		
Maximum DC Reverse Current at	@TA = 25°C	la.	1.0					mAmps
Rated DC Blocking Voltage	@TA = 100°C	IR	25					
Typical Thermal Resistance (Note1)		RθJA	40					°C/W
Typical Junction Capacitance (Note 2)		CJ	200					pF
Storage Operating Temperature Range		TJ, TSTG	-65 to + 125				° C	

NOTES : 1. Thermal Resistance (Junction to Ambient), .24in₂ (6.0mm₂) copper pads to each terminal.

2. Measured at 1 MHz and applied reverse voltage of 4.0 volts.

