

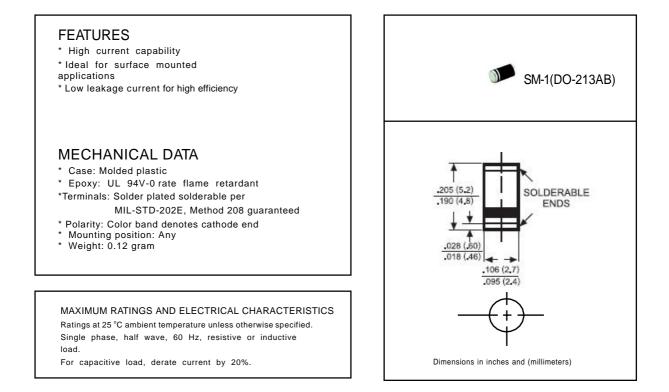
HITANO ENTERPRISE CORP.

SM320 THRU SM360

TECHNICAL SPECIFICATIONS OF SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER

VOLTAGE RANGE - 20 to 60 Volts

CURRENT - 3.0 Ampere



		SYMBOL	SM320	SM330	SM340	SM350	SM360	UNIT
Maximum Recurrent Peak Reverse Voltage		Vrrm	20	30	40	50	60	Volts
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		V _F	.475	.500	.525	.70		
Maximum DC Reverse Current at	@TA = 25°C	lr	1.0					mAmps
Rated DC Blocking Voltage	@TA = 100°C		25					
Typical Thermal Resistance (Note1)		R θJA	40					⁰ 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.

