SB22-A THRU SB26-A

SURFACE MOUNT SCHOTTKY BARRIER RECTIFIER

VOLTAGE:20 TO 60V



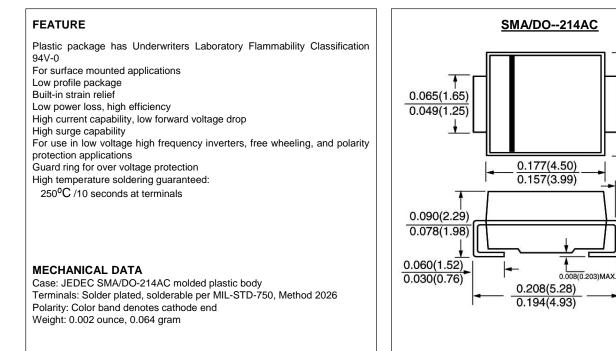
Dimensions in inches and (millimeters)

0.110(2.79)

0.100(2.54)

0.012(0.305)

0.006(0.152)



CURRENT: 2.0A

MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

(single-phase, half-wave, 60HZ, resistive or inductive load rating at 25^oC, unless otherwise stated, for capacitive load, derate current by 20%)

	SYME	BOL SB 22-A	SB 23-A	SB 24-A	SB 25-A	SB 26-A	units
Maximum Recurrent Peak Reverse Voltage		m 20	30	40	50	60	V
Maximum RMS Voltage		is 14	21	28	35	42	V
Maximum DC blocking Voltage		c 20	30	40	50	60	V
Maximum Average Forward Rectified Current 3/8"lead length at T _L =100°C		/)	2.0				
Peak Forward Surge Current 8.3ms single half sine-wave superimposed on rated load		n	50.0				
Maximum Forward Voltage at rated Forward current (N	Vf		0.5		C	0.7	
Maximum DC Reverse Current Ta =25°C			0.5				
at rated DC blocking voltage Ta =	00°C		20.0		1	10.0	
Typical Thermal Resistance (N	ote 2) Rth(a)	75.0				°C /W
Operating junction temperature range			-55 to +125				
Storage Temperature range		g	-55 to +150				°C

NOTE:

(1) Pulse test: 300µs pulse width, 1% duty cycle

(2) P.C.B. mounted with 0.2 x 0.2inches(5.0 x 5.0mm) copper pad areas

Rev.A6

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RATINGS AND CHARACTERISTIC CURVES SB22-A THRU SB26-A

