

		GMB 1474 1	
Maximum Recurrent Peak Reverse Voltage	Vrrm	40	Volts
Maximum RMS Voltage	VRMS	28	Volts
Maximum DC Blocking Voltage	VDC	40	Volts
Maximum Average Forward Rectified Current at TL = 90° C	lo	1.0	Amps
Peak Forward Surge Current 8.3 ms single half sine-wave superimposed on rated load (JEDEC method) $TL = 70^{\circ}C$	IFSM	15	Amps
Typical Junction Capacitance (Note 2)	CJ	100	pF
Typical Thermal Resistance (Note 1)	RθJL	60	°C / W
Storage and Operating Temperature Range	TJ, TSTG	-65 to +125	°C

ELECTRICAL CHARACTERISTICS (At TA = $25^{\circ}C$ unless otherwise noted)

CHARACTERISTICS		SYMBOL	SMD14APT	UNITS
Maximum Instantaneous Forward Voltage at 1.0 A DC		VF	0.46	Volts
Maximum Average Reverse Current at VR= 40V	@ TA = 25°C	· Ir .	0.1	mAmps
	@ TA = 100°C		9.0	mAmps
NOTES: 1 Thermal Resistance (Junction to Lead) : PC Board Mounted on 0.2 X 0.2" (5 X 5mm) conner pad area) 2" (5 X 5mm) copper pad area	2005-05

NOTES : 1. Thermal Resistance (Junction to Lead) : PC Board Mounted on 0.2 X 0.2" (5 X 5mm) copper pad area. 2. Measured at 1.0 MHz and applied reverse voltage of 4.0 volts

2000-00

