



AMERICAN MICROSEMI CONDUCTOR INC.

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FEATURES

- Standard 14 pin Ceramic Dual-In-Line Package

MECHANICAL

- Marking: Device number

MAXIMUM RATINGS

- Operating Temperatures: -55°C to +150°C
- Storage Temperature: -65°C to +200°C
- Forward Surge Current: 2.0 Amps (8.3 ms)
- Continuous forward current I_F : 500mA
- Power dissipation (P_D): 500mW
- Derating factor: 4.0mW/°C

PACKAGING

- Carrier tube 25 pcs per (STANDARD)

ELECTRICAL CHARACTERISTICS @ 25°C Unless otherwise

specified

Part Number	$V_{(BR)}$ @10 μ A	I_R +25°C	CAP @0V	trr	V_F @ I_F = 10mA	V_F @ I_F = 100mA
	V	μ A	pF	(nS)	V	V
SG6507J	MIN	MAX	MAX	MAX	MAX	MAX
	60	1	20	10	1.0	1.2

SG6507J

CIRCUIT DIAGRAM (TOP VIEW)

