

Features

- ◇ Glass passivated chip junction
- ◇ High current capability, Low VF
- ◇ High reliability
- ◇ High surge current capability
- ◇ Low power loss, high efficiency
- ◇ Green compound with suffix "G" on packing code & prefix "G" on datecode
- ◇ High reliability grade (AEC-Q101 qualified)

Mechanical Data

- ◇ Case: Molded plastic DO-41
- ◇ Epoxy: UL 94V-0 rate flame retardant
- ◇ Lead: Pure tin plated, lead free, solderable per MIL-STD-202, Method 208 guaranteed
- ◇ Polarity: Color band denotes cathode
- ◇ High temperature soldering guaranteed: 260°C/10s
/.375", (9.5mm) lead lengths at 5 lbs, (2.3kg) tension

RATINGS AND CHARACTERISTIC CURVES (1N4001G THRU 1N4007G)

FIG.1 MAXIMUM FORWARD CURRENT DERATING CURVE

