

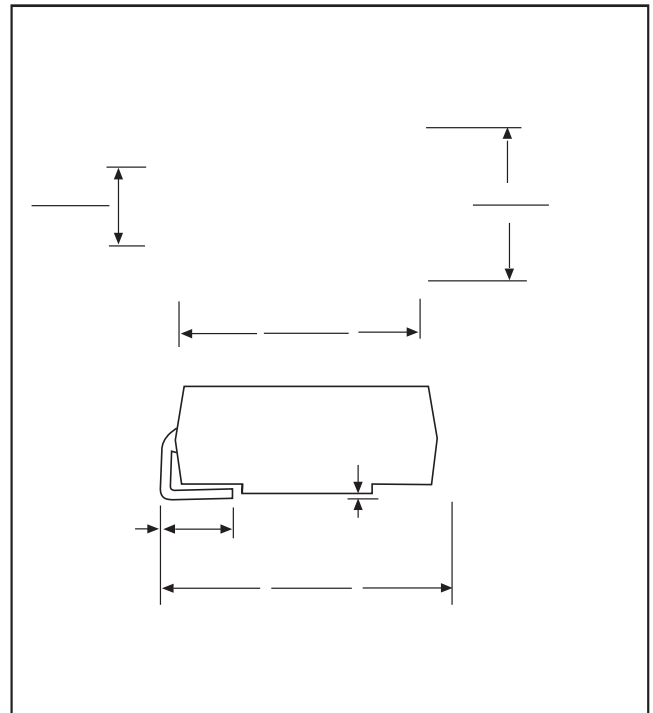
SMA PLASTIC SILICON RECTIFIERS

FEATURES

- "The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- "For surface mounted applications
- "Ultra fast switching for high efficiency
- "Low reverse leakage
- "Built-in strain relief,ideal for automated placement
- "High forward surge current capability
- "High temperature soldering guaranteed 250 C/10 seconds at terminals

MECHANICAL DATA

- "Case: SMA molded plastic body
- "Lead:Plated axial leads, solderable per MIL-STD-750,method 2026
- "Polarity: Color band denotes cathode end
- "Mounting Position:Any



MAXIMUM RATINGS AND CHARACTERISTICS

f & \$ P E L H 7 G W S H U D X X Q R H W K H U Z L W H G

RATINGS AND CHARACTERISTIC CURVES

FIG. 1- FORWARD CURRENT DERATING CURVE

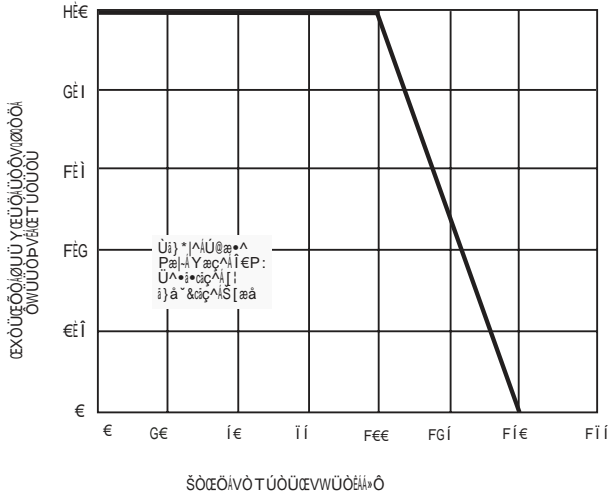


FIG. 2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

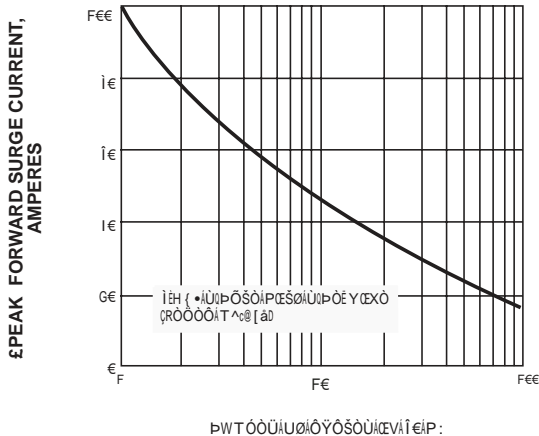


FIG. 3-TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

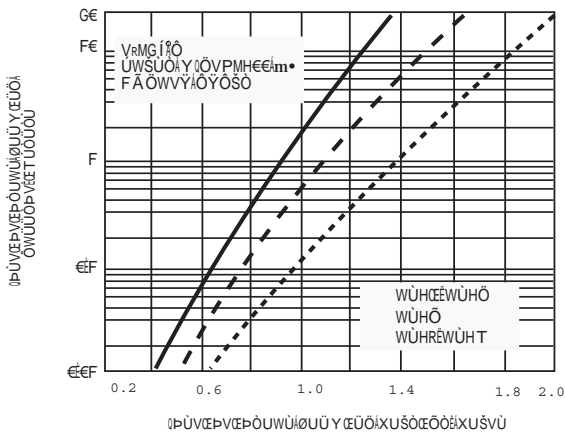


FIG. 4-TYPICAL REVERSE CHARACTERISTICS

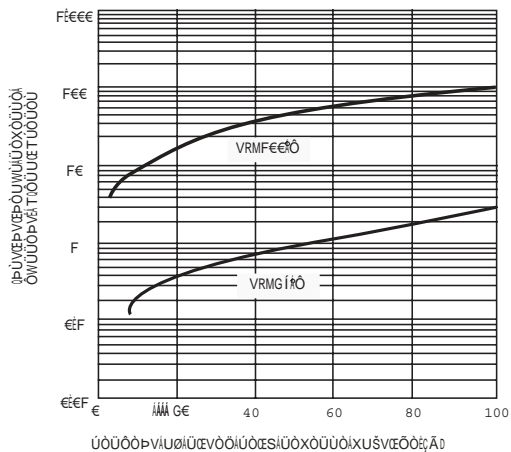


FIG. 5-TYPICAL JUNCTION CAPACITANCE

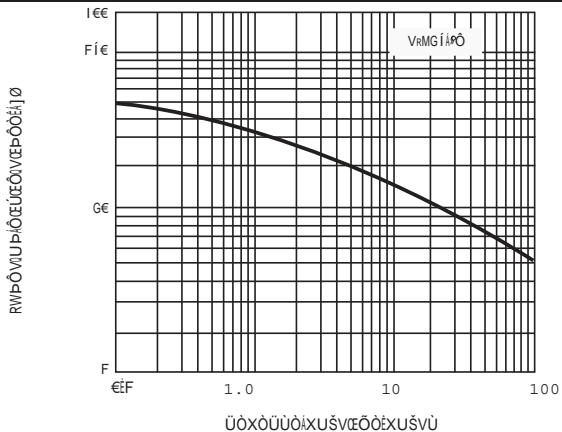


FIG. 6-TYPICAL TRANSIENT THERMAL IMPEDANCE

