



VOLTAGE RANGE
CURRENT

50 to 1000 Volts
3.0 Ampere

DO-27

-
- Technical drawing of a DO-214 package showing dimensions in inches and millimeters. The drawing includes a side view and a top view. The side view shows a package with a central body and two leads. The top view shows a rectangular package with a central body and two leads. Dimensions are provided in inches and millimeters.
- Dimensions (inches and millimeters):
- Lead length: 1.0 (25.4) MIN.
 - Body length: .375 (9.5) / .335 (8.5)
 - Body width: .220 (5.6) / .197 (5.0) DIA.
 - Lead width: .052 (1.3) / .048 (1.2) DIA.
 - Lead thickness: 1.0 (25.4) MIN.
- Dimensions in inches and (millimeters)

Dimensions in inches and (millimeters)

- ## MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

- Ratings at 25°C ambient temperature unless otherwise specified
- Single Phase, half wave, 60Hz, resistive or inductive load
- For capacitive load derate current by 20%

Notes:

1. Measured at 1.0MHz and Applied Reverse Voltage of 4.0V DC.
2. Thermal Resistance from junction to ambient at 0.375"(9.5mm) lead length, P.C.board mounted with 0.8" $\times$ 0.8" (**20 $\times$ 20mm**) **copper heatsink**.



AXIAL SILASTIC GUARD JUNCTION STANDARD RECTIFIER

1N5400 THRU 1N5408

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RATING AND CHARACTERISTIC CURVES 1N5400 Thru 1N5408

FIG.1-TYPICAL FORWARD CURRENT
DERATING CURVE

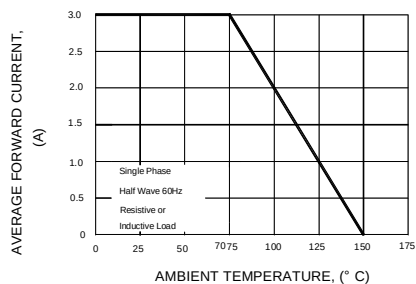


FIG.2-MAXIMUM NON-REPETITIVE PEAK
FORWARD SURGE CURRENT

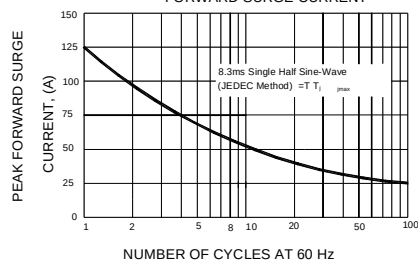


FIG.3-TYPICAL INSTANTANEOUS
FORWARD CHARACTERISTICS

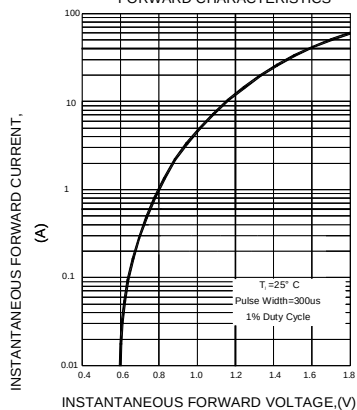


FIG.4-TYPICAL REVERSE
CHARACTERISTICS

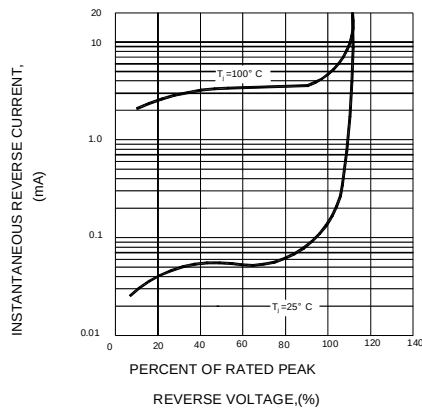


FIG.5-TYPICAL JUNCTION CAPACITANCE

