

# Schottky Diodes

Axial, DO-41



## FEATURES:

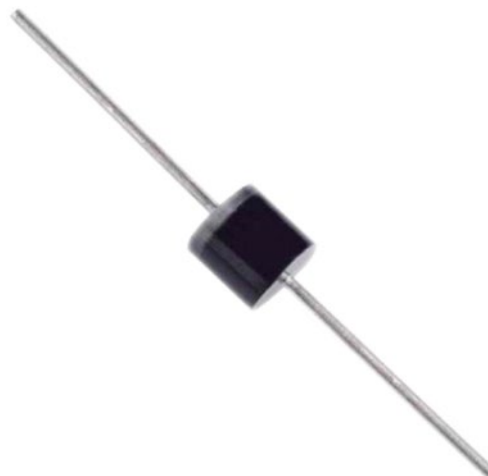
- Schottky barrier rectifiers
- Low power loss, high efficiency
- High current capability
- Low forward voltage drop
- High surge capability
- Molded plastic DO-41 case

## SPECIFICATION:

Forward current	1 A
Housing type	DO-41 plastic
Peak conducting-state current	25 A
Thermal resistance	50 °C/W

## PRODUCT RANGE:

Art. Nr.	Off-state voltage	Conducting-state voltage
RND 1N5817	20 V	0.45 V@ 1 A
RND 1N5818	30 V	0.55 V@ 1 A



## DO-41

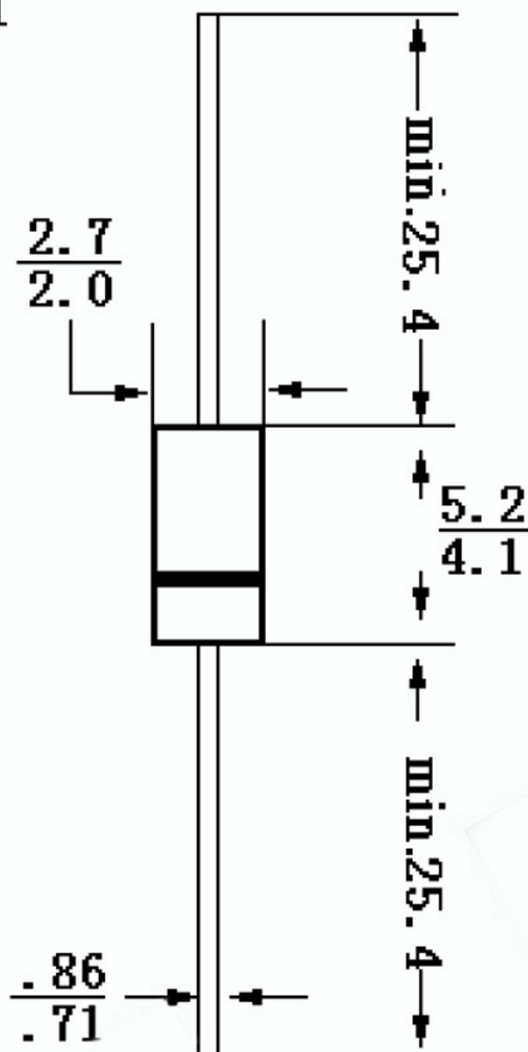


FIG.1-FORWARD CURRENT DERATING CURVE

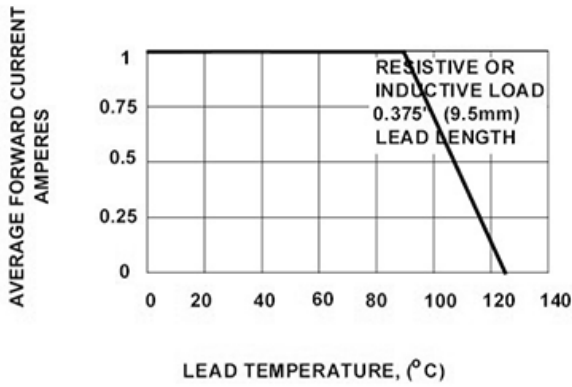


Fig.2- MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

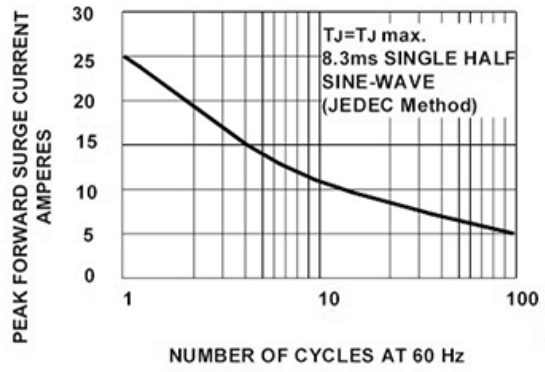


Fig.3-TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

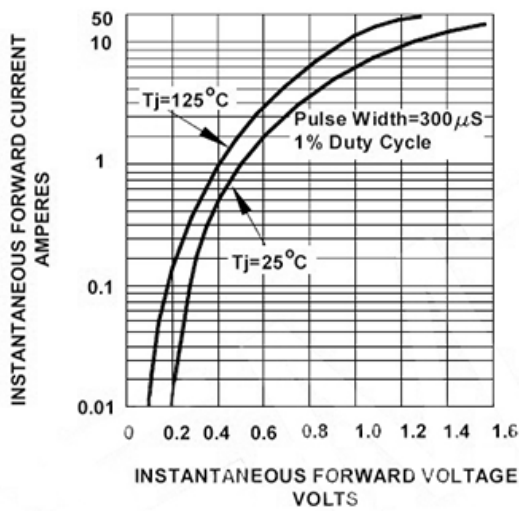


Fig.4- TYPICAL REVERSE CHARACTERISTICS

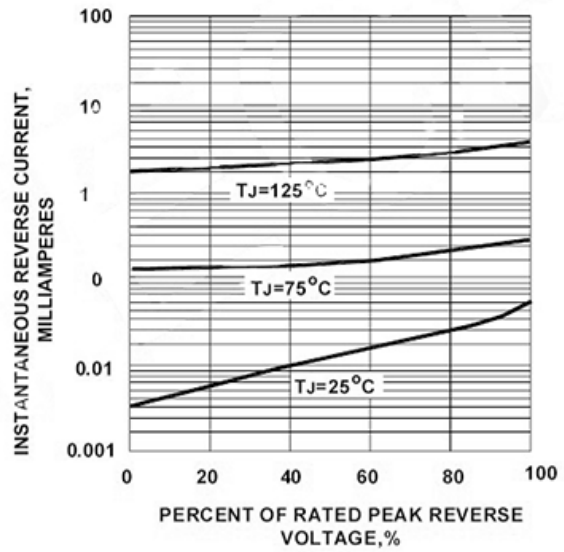


Fig.5- TYPICAL JUNCTION CAPACITANCE

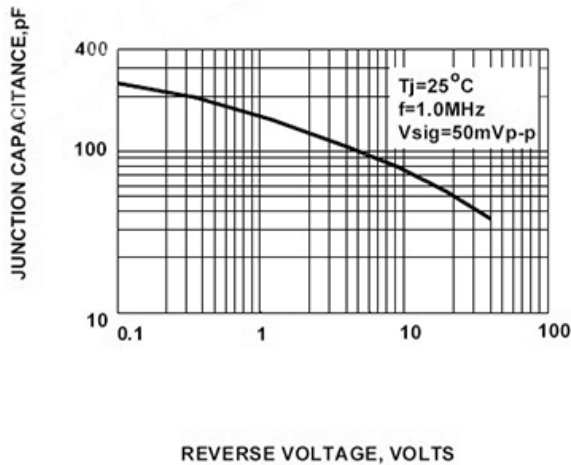


Fig.6- TYPICAL TRANSIENT THERMAL IMPEDANCE

