

Schottky Diodes

Axial, DO-201AD



FEATURES:

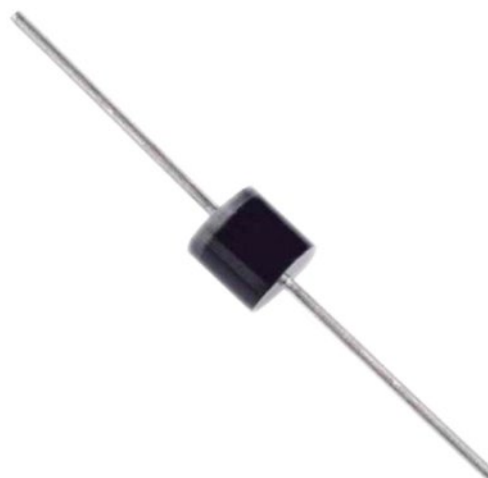
Schottky barrier rectifier
Low power loss, high efficiency
High current capability
Low forward voltage drop
High surge capability
DO-201AD molded plastic case
Color band denotes cathode end

SPECIFICATION:

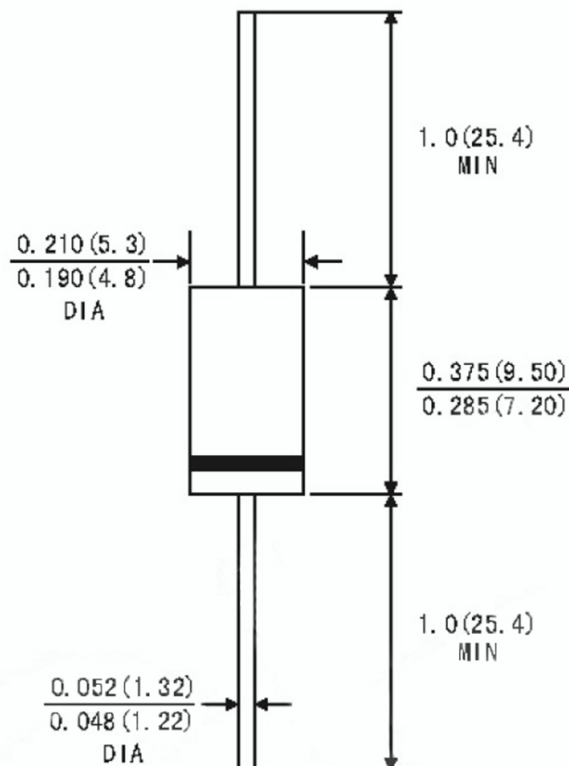
Forward current	3 A
Housing type	DO-201AD
Peak conducting-state current	80 A
Thermal resistance	40 °C/W

PRODUCT RANGE:

Art. Nr.	Off-state voltage	Conducting-state voltage
RND 1N5820	20 V	0.475 V@ 3 A
RND 1N5821	30 V	0.5 V@ 3 A
RND 1N5822	40 V	0.525 V@ 3 A



DO-201AD



Dimensions in inches and (millimeters)

FIG.1-FORWARD CURRENT DERATING CURVE

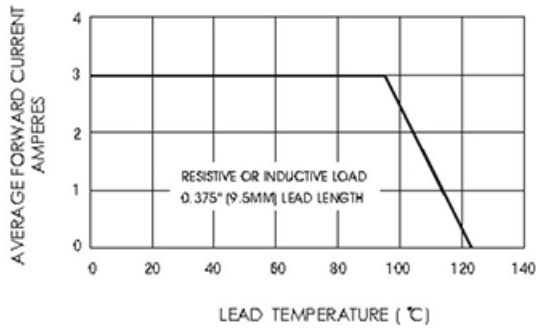


FIG.2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

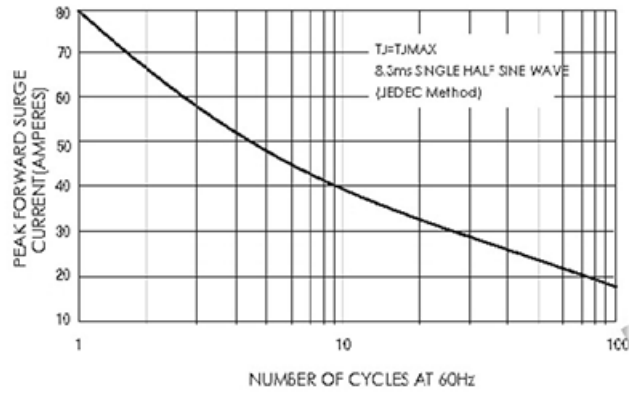


FIG.3-TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

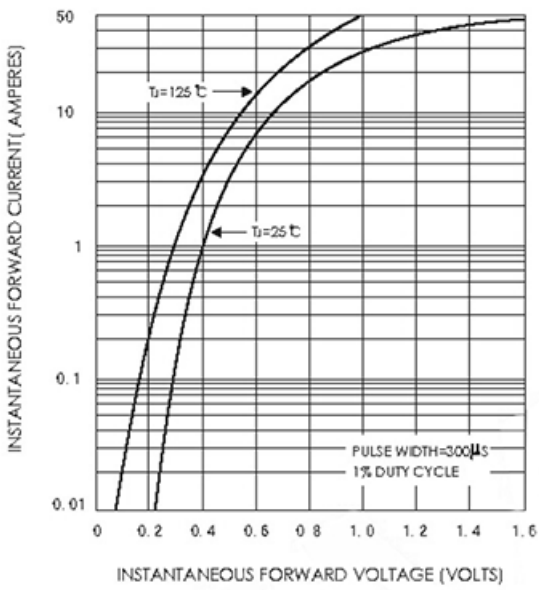


FIG.4-TYPICAL REVERSE CHARACTERISTICS

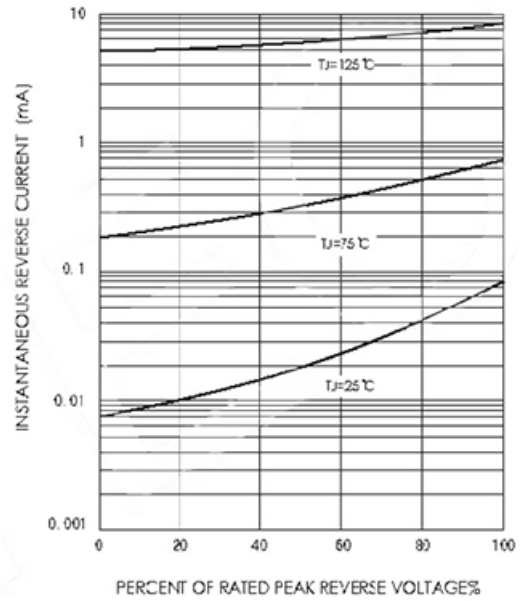


FIG.5-TYPICAL JUNCTION CAPACITANCE

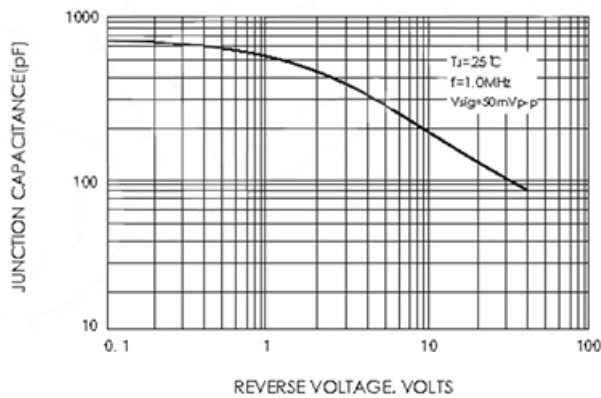


FIG.6-TYPICAL TRANSIENT THERMAL IMPEDANCE

