Schottky Diodes Axial, DO-201AD



FEATURES:

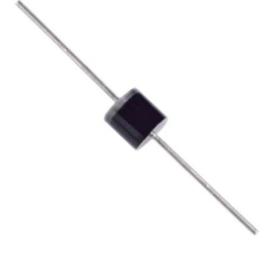
| Schottky barrier rectifier | |
|---------------------------------|--|
| Low power loss, high efficiency | |
| High current capability | |
| Low forward voltage drop | |
| High surge capability | |
| DO-201AD molded plastic case | |
| Color band denotes cathode end | |

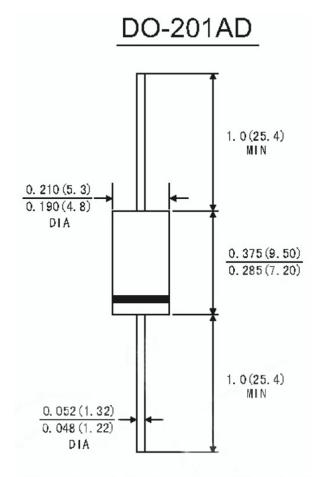
SPECIFICATION:

| 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 |





Dimensions in inches and (millimetrers)

FIG.1-FORWARD CURRENT DERATING CURVE

FIG.3-TYPICAL INSTANTANEOUS FORWARD CHARACTERISTICS

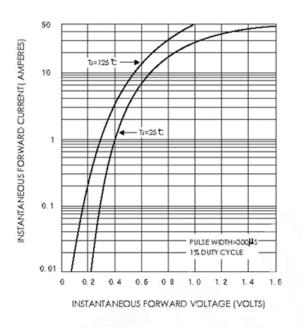


FIG.5-TYPICAL JUNCTION CAPACITANCE

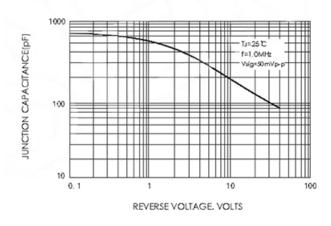


FIG.2-MAXIMUM NON-REPETITIVE PEAK FORWARD SURGE CURRENT

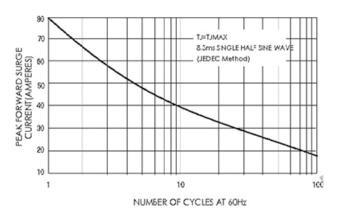


FIG.4-TYPICAL REVERSE CHARACTERISTICS

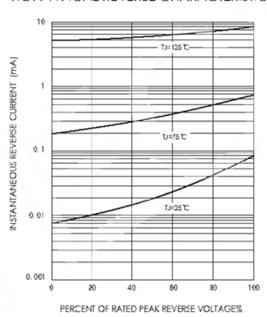


FIG.6-TYPICAL TRANSIENT THERMAL IMPEDANCE

