

# Rectifier Diodes, Standard

## Standard Rectifier Diodes, SMD, MELF LL400



### FEATURES:

- For surface mount applications
- High temperature metallurgically bonded construction
- Polarity: Color band denotes cathode end
- Mounting Position: Any
- Capacitance 15 pF

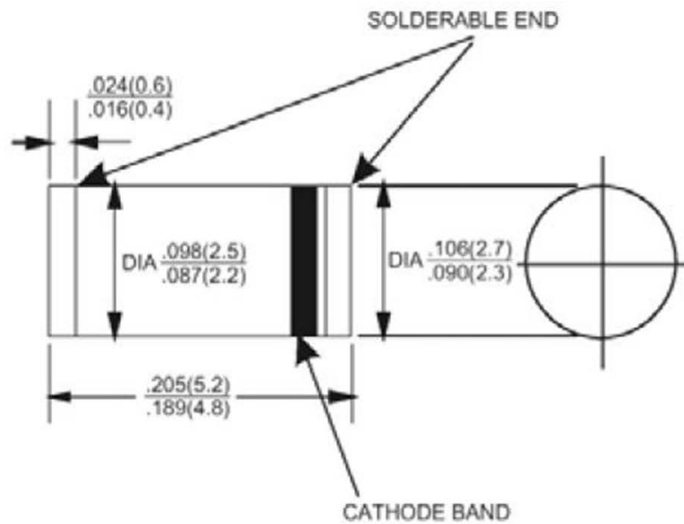


### SPECIFICATION:

Conducting-state current	1 A
Surge current	30 A
Housing type	DO-213AB
Operating temperature	-55...+150 °C
Conducting-state voltage	1.1 V
Thermal resistance	20 °C/W

### PRODUCT RANGE:

Art. Nr.	Peak off-state voltage
RND LL4001G	50 V
RND LL4004G	400 V
RND LL4007G	1000 V



Plastic case MELF (DO-213AB)  
Dimensions in inches and (millimeters)

FIG.1 - MAXIMUM FORWARD CURRENT DERATING CURVE

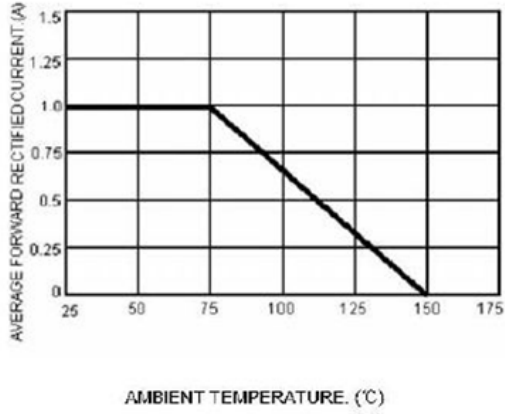


Fig. 2 - Maximum Non-Repetitive Peak Forward Surge Current

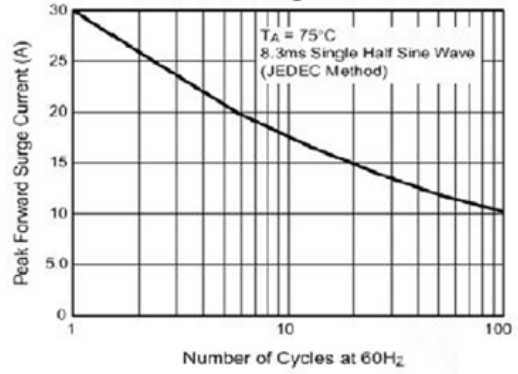


Fig. 3 - Typical Instantaneous Forward Characteristics

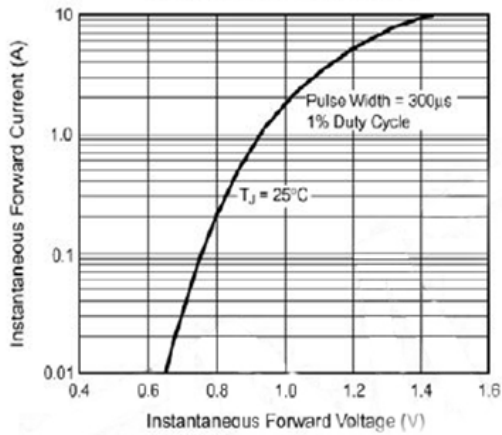


Fig. 4 - Typical Reverse Characteristics

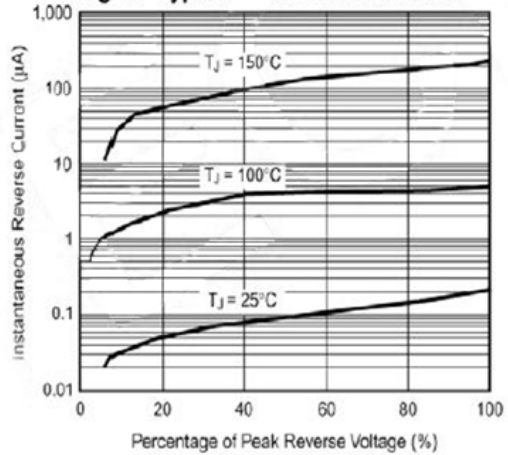


Fig. 5 - Typical Junction Capacitance

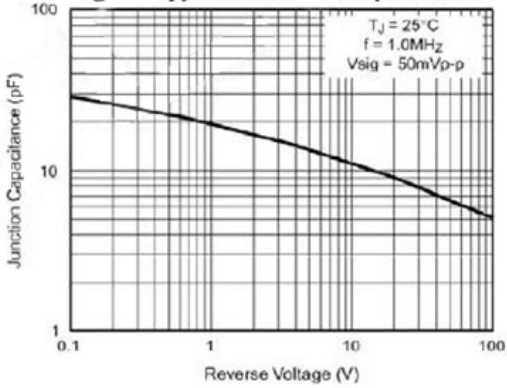


Fig. 6 - Typical Transient Thermal Impedance

