Central + Tail Semiconductor Corp.

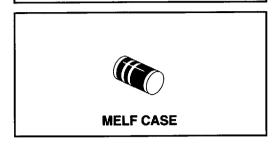
CLLR1 SERIES

T.01-13

GENERAL PURPOSE RECTIFIER 1.0 AMP, 200 THRU 1,000 VOLTS

FEATURES:

- LOW COST
- HIGH RELIABILITY
- SPECIAL SELECTIONS AVAILABLE
- SUPERIOR LOT TO LOT CONSISTENCY
- GLASS PASSIVATED INTERNAL CONSTRUCTION



DESCRIPTION:

The CENTRAL SEMICONDUCTOR 1.0 amp leadless epoxy silicon rectifier is a high quality, well constructed, highly reliable component designed for use in all types of commercial, industrial, entertainment, computer, and automotive applications. Higher voltage devices, special selections, fast recovery, ultra fast recovery, and Schottky devices are also available.

MAXIMUM RATINGS: (T_A=25°C unless otherwise noted)

| • | | CLLR1 | CLLR1 | CLLR1 | CLLR1 | |
|---|----------------------------------|-------|-------|---------|-------|-------|
| | SYMBOL | -02 | -04 | -06 | -10 | UNITS |
| Peak Repetitive Reverse Voltage | V_{RRM} | 200 | 400 | 600 | 1000 | V |
| DC Blocking Voltage | V _R | 200 | 400 | 600 | 1000 | V |
| RMS Reverse Voltage | V _{R(RMS)} | 140 | 280 | 420 | 700 | V |
| Average Forward Current (T _L =80°C | | | | 1.0 | | Α |
| Peak Forward Surge Current (8.3ms | s) IFSM | | | 30 | | Α |
| Operating and Storage | | | | | | |
| Junction Temperature | T _J ,T _{stg} | | -65 | to +175 | | oC. |

ELECTRICAL CHARACTERISTICS: (T_A=25^oC unless otherwise noted)

| SYMBOL | TEST CONDITIONS | MIN | MAX | UNITS |
|----------------|---|-----|-----|-------|
| ٧F | I _F =Rated I _O | | 1.1 | V |
| l _R | V _R =Rated V _{RRM} | | 10 | μΑ |
| I _R | V _R =Rated V _{RRM} , T _A =125 ⁰ C | | 50 | μΑ |

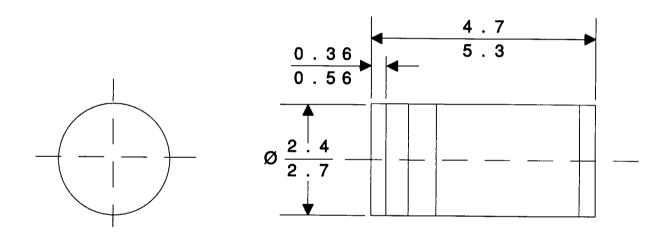
CENTRAL SEMICONDUCTOR Marking Codes:

56E D 🖿 1989963 0000608 7T2 🚾 CEN

| CENTRAL TYPE NO. | BAND 1* | BAND 2 | |
|------------------|---------|--------|--|
| CLLR1-01 | WHITE | RED | |
| CLLR1-02 | WHITE | ORANGE | |
| CLLR1-04 | WHITE | YELLOW | |
| CLLR1-06 | WHITE | GREEN | |
| CLLR1-10 | WHITE | VIOLET | |

T-01-13

All dimensions in mm.



^{*} Cathode Band