

Ultra Fast Recovery Diodes

$V_{RM}: 100 \sim 200V$

$I_o: 5 \sim 20A$

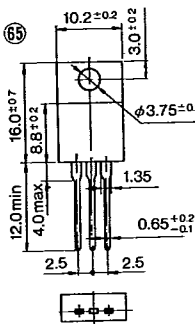
T-23-07

CTL

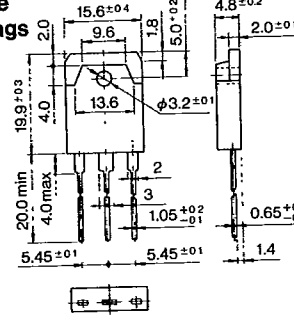
| Rating/ Characteristics | Absolute Maximum Ratings | | | | | | Electrical Characteristics (Ta = 25°C) | | | | | Others | | | |
|----------------------------|--------------------------|------------------------|-----------------------|-------------------------------------|------------------------|--------------------------|--|------------------------|--|---|------|---|-----------|--------|------|
| | V _{RSM} (V) | V _{RM} (V) | I _o (A) | I _{FSM} (A) | T _J (°C) | T _{stg} (°C) | V _F (V) | I _R (mA) | I _{R(H)} (mA) | trr | | Outline Drawing | Weight(g) | Taping | Note |
| Type No. | per chip | | With Fin | 50Hz Half Sine Wave Single Pulse | | | Max. per chip | I _F (A) | V _R = V _{RM} max (per chip) | V _R = V _{RM} , T _J = 140°C max (per chip) | | I _F /I _{RP} (mA) | | | |
| CTL-11S | 100 | 100 | 5.0 | 35 | -40 ~ +140 | | 0.98 | 2.5 | 0.1 | 1.5 | 0.05 | 100/100 | ⑥⑤ | | |
| CTL-12S | 200 | 200 | | | | | | | | | | | | | |
| CTL-21S | 100 | 100 | 10 | 65 | | | | | | | | | | | |
| CTL-22S | 200 | 200 | | | | | | | | | | | | | |
| CTL-31S | 100 | 100 | 20 | 150 | | | | | | | | | | | |
| CTL-32S | 200 | 200 | | | | | | | | | | | | | |

Thermal Resistance R_{th(j-c)}: 3.0°C/W (CTL-1, CTL-2)
1.5°C/W (CTL-3)

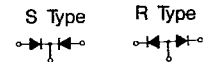
Outline Drawings ⑥⑤



Outline Drawings ⑥⑥



Center Tap Internal Connection:



⑥⑤⑥⑥ Plastic Molding, Flammability: UL94V-0 or Equivalent

