## FCI-InGaAs-XXX-WCER

High Speed InGaAs Photodiodes Mounted on Wraparound Ceramic

FCI-InGaAs-XXX-WCER with active area sizes of $75 \mu \mathrm{~m}, 120 \mu \mathrm{~m}, 300 \mu \mathrm{~m}, 400 \mu \mathrm{~m}$ and $500 \mu \mathrm{~m}$ are part of a line of monitor photodiodes mounted on metallized ceramic substrates. These compact assemblies are designed for ease of integration. The chips can be epoxy or eutectic mounted onto the ceramic substrate.

## APPLICATIONS

- High Speed Optical Communications
- Gigabit Ethernet/Fibre Channel
- SONET / SDH, ATM
- Diode Laser Monitor
- Instrumentation


## FEATURES

- Low Noise
- High Responsivity
- High Speed
- Spectral Range 900nm to 1700 nm



## Notes:

- All units in millimeters (inches).
- All devices are eutectic mounted with tolerance of $\pm 50 \mu \mathrm{~m}$.

| Absolute Maximum Ratings |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: |
| PARAMETERS | SYMBOL | MIN | MAX | UNITS |
| Storage Temperature | $\mathrm{T}_{\text {stg }}$ | -40 | +85 | ${ }^{\circ} \mathrm{C}$ |
| Operating Temperature | $\mathrm{T}_{\text {op }}$ | 0 | +70 | ${ }^{\circ} \mathrm{C}$ |
| Soldering Temperature | $\mathrm{T}_{\text {sld }}$ | --- | +260 | ${ }^{\circ} \mathrm{C}$ |



