

2.5Gbps 850nm PIN-TIA TO-CAN Series

Features:

D 2.5 G
850
-40°C 85°C O
H S

Applications:

D O C

Specifications:

Absolute Maximum Ratings:

| Parameter | Symbol | Min. | Max. | Unit |
|-----------|--------|------|------|------|
| O I P | P | — | 3 | B |
| O T | T | -40 | +85 | °C |
| S T | T | -40 | +85 | °C |
| L S T | — | — | 260 | °C |
| L S T | — | — | 10 | |

Characteristics: (Ta=25°C unless otherwise noted)

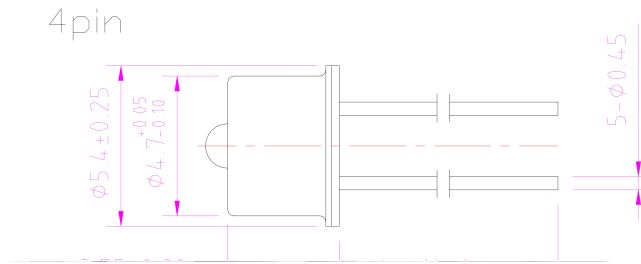
| Parameter | Symbol | Test Conditions | Min. | Typ. | Max. | Unit |
|-----------|--------|--|------|------|------|------|
| S V | V | — | 3.0 | 3.3 | 3.6 | V |
| S C | I | V =3.3V | 15 | 20 | 25 | A |
| R | λ | V =3.3V | 830 | 850 | 870 | |
| RSSI O C | I | V =3.3V | — | — | 150 | A |
| O | OL | V =3.3V | — | — | 0 | B |
| S | S | 2.5G ,PRBS23, 850 ,ER=10 B, BER=10E-10 | — | -25 | -22 | B |



Key Materials

| M | P N |
|--------|------------|
| PIN PD | 0001020221 |
| TIA | 0000090027 |

Mechanical Dimension and Pin Assignment:





Pin Description:

