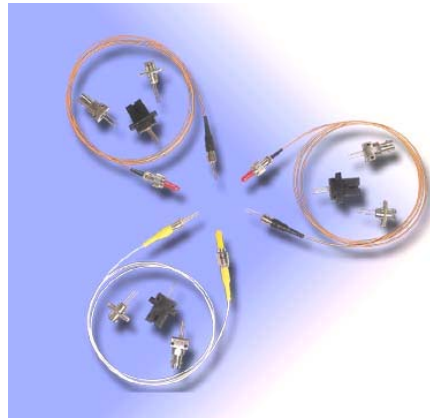


Large Area InGaAs PIN Photodiode Module

Features

- High Responsivity
- Low dark current, typ. <1nA
- Operating temperature range -40°C to 85°C
- Hermetically sealed TO-18 package in pigtailed or receptacle housing with FC, ST, SC, LC, MU or SMA connector



Large Area InGaAs PIN Photodiode Module

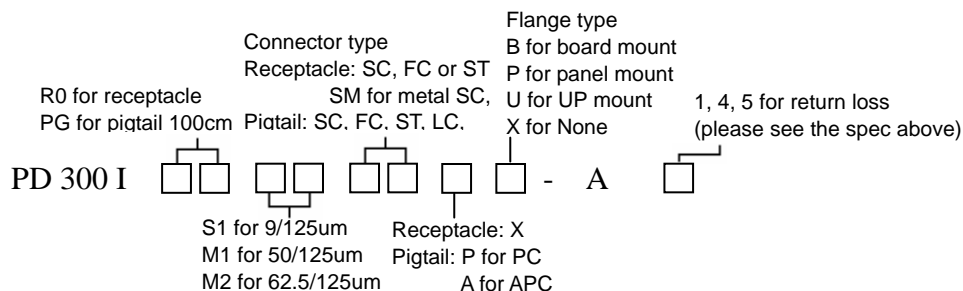
Specifications (T=25°C, -5V)

| Parameter | Symbol | Test Condition | Min. | Typ. | Max. | Unit |
|---------------------------|----------------|--------------------------|------|------|------|-------|
| Active Area | | | 300 | - | - | um |
| Responsivity | R | 5V, 25-C | | | | A/W |
| 850nm | | | 0.15 | 0.25 | | A/W |
| 1300nm | | | 0.8 | 0.9 | | A/W |
| 1550nm | | - | 0.9 | 1.0 | | A/W |
| Dark Current | I _d | V _R =5V, 25-C | - | - | 1 | nA |
| Shunt Resistance | R _s | | | 60 | | M-Ohm |
| Capacitance | C | V _R =5V, 1MHz | - | 6 | 8 | pF |
| Return Loss | | | | | | |
| -1(Receptacle) | | | 14 | - | - | dB |
| -4(Receptacle or Pigtail) | | | 40 | - | - | dB |
| -5(Pigtail) | | | 50 | - | - | dB |

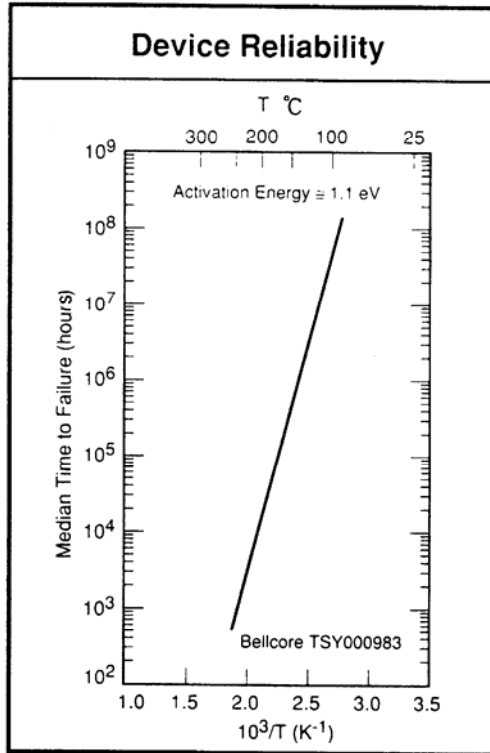
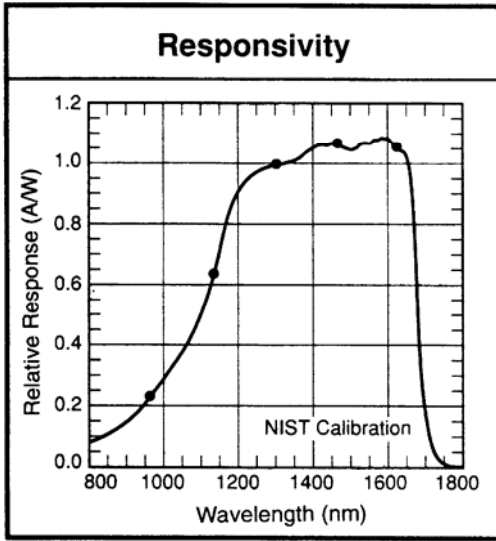
Absolute Maximum Rating

| | Symbol | Min. | Max. | Unit |
|-------------------------------------|------------------|------|------|------|
| Operating Temperature | T _o | -40 | +85 | °C |
| Storage Temperature | T _{stg} | -40 | +125 | °C |
| Reverse Voltage | V _R | - | 30 | V |
| Lead Soldering Temperature (10 sec) | T _L | - | 260 | °C |

Ordering Information



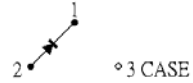
Large Area InGaAs PIN Photodiode Module



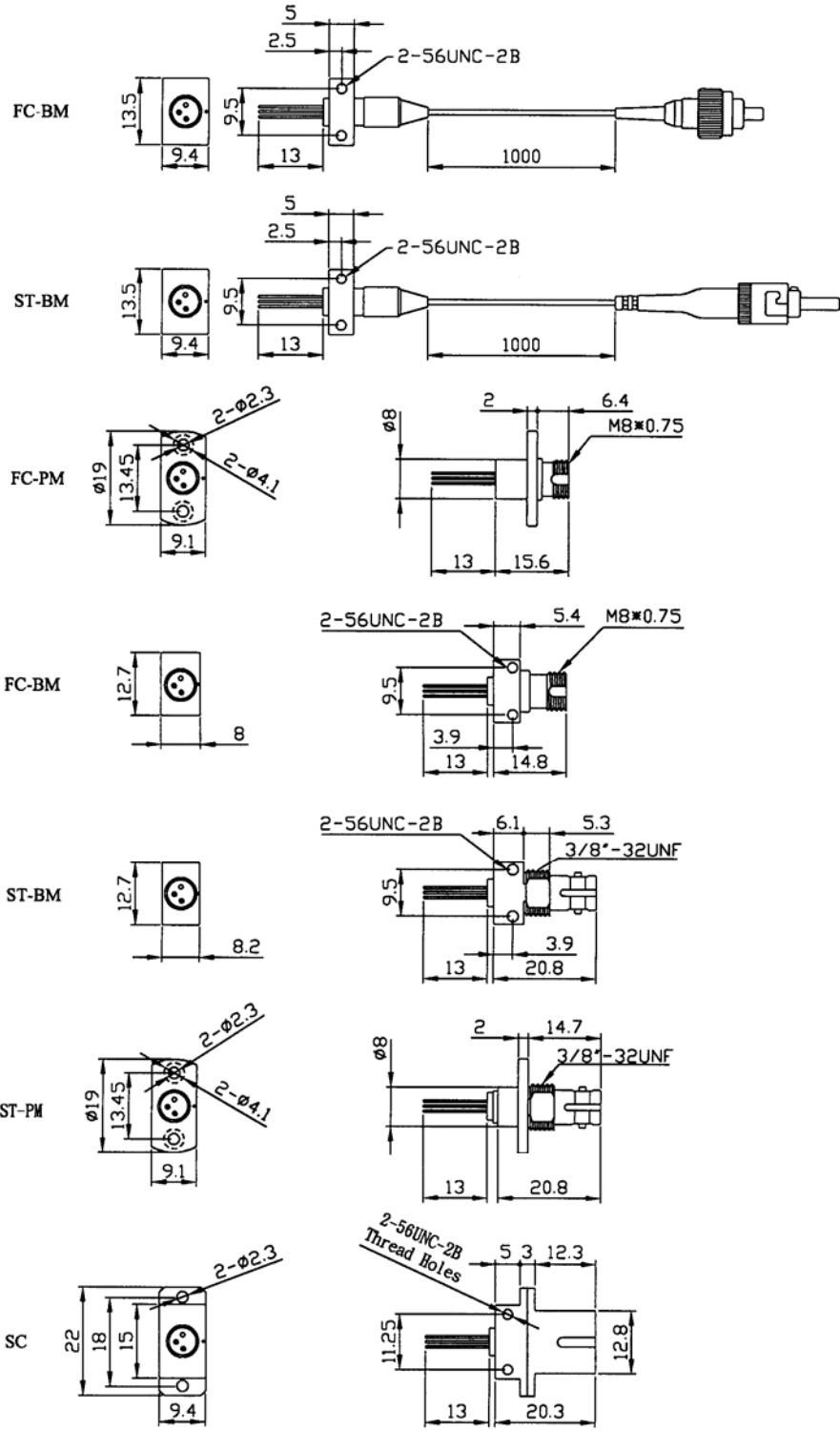
Large Area InGaAs PIN Photodiode Module

BOTTOM VIEW

PIN CONNECTIONS



UNIT : MM



Large Area InGaAs PIN Photodiode Module