

NX6353EP Series

Data Sheet

LASER DIODE

1 270/1 290/1 310/1 330/1 350 nm AlGaInAs MQW-DFB LASER DIODE

FOR 9.8Gbps CPRI, 10G Ethernet APPLICATION

R08DS0089EJ0100

Rev.1.00

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DESCRIPTION

The NX6353EP series is a 1 270/1 290/1 310/1 330/1 350 nm Multiple Quantum Well (MQW) structured Distributed Feed-Back (DFB) laser diode with InGaAs monitor PIN-PD.

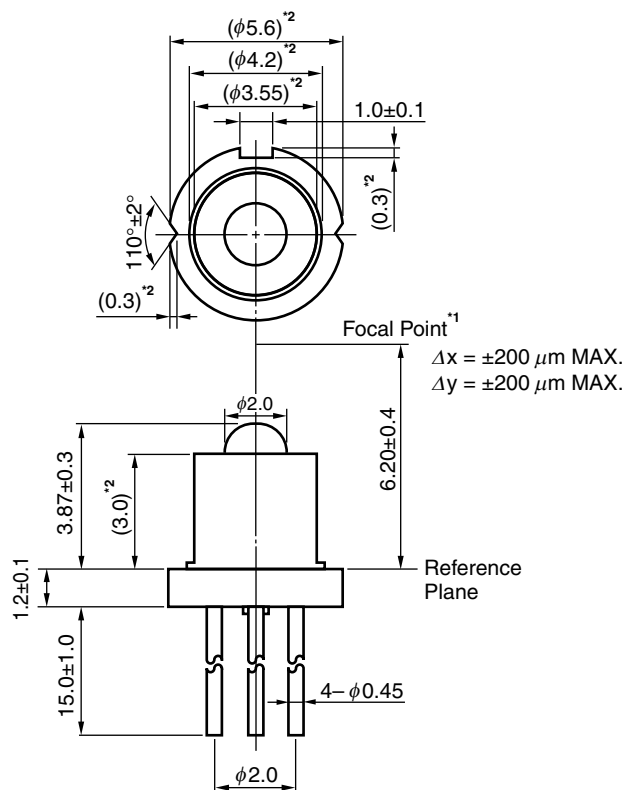
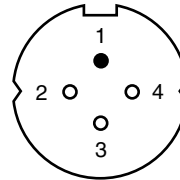
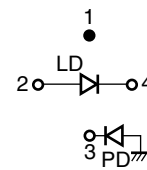
APPLICATIONS

- 9.8 Gbps CPRI
- 10G Ethernet

FEATURES

- | | |
|------------------------------------|---|
| • Optical output power | $P_O = 8.5 \text{ mW}$ |
| • Low threshold current | $I_{th} = 7 \text{ mA}$ |
| • Differential efficiency | $\eta_d = 0.35 \text{ W/A}$ |
| • Wide operating temperature range | $T_C = -40 \text{ to } +85^\circ\text{C}$ |
| • InGaAs monitor PIN-PD | |
| • CAN package | $\phi 5.6 \text{ mm}$ |
| • Focal point | 6.2 mm |



PACKAGE DIMENSIONS (UNIT: mm)

BOTTOM VIEW

PIN CONNECTIONS


^{*1} Focal Point: A point to get maximum optical output power from fiber.

^{*2} () indicates nominal dimension.