



1550 nm Surface Emitting LED in TO-46 Package

15LED20M-TO

Typical Optical and Electrical Characteristics

Test Conditions: 100 mA forward current, 25°C

Device Characteristics	
Total Output Power	0.5 mW
Minimum Coupled Power (*)	5 μ W
Peak Wavelength:	1550 nm \pm 40 nm
Spectral Width:	120 nm
Rise \ fall Time:	6-7 ns
Absolute Maximum Ratings	
Forward Current:	150 mA at 25°C
Operating Temperature:	-40 to +85°C
Storage Temperature:	-40 to +85°C

(*) Coupled to 62.5/125 fiber

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Application:

1550nm Surface Emitting LED in TO-46 Package

Description:

Typical optical and electrical characteristics.



Specifications

Total Output Power mW Typ	1
Coupled Power 62.5/125 Fiber μ W Min	20
Peak Wavelength nm Typ	1550 \pm 40
Spectral Width nm Typ	120
Rise/Fall ns Typ	6-7

Features:

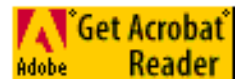
- Planar Structure
- Dielectric Passivation
- 100% Purge Burn-in

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