



SD2420-002 Photodiode Detectors



Actual product appearance may vary.

**SD2420 Series Silicon Photodiode,
Miniature Hermetically Sealed, Pill Style
Metal Can**

Description

The SD2420 is a PN silicon photodiode mounted in a hermetically sealed, glass lensed, metal can package. This package directly mounts in double sided PC boards.

Features

- Miniature, hermetically sealed, pill style, metal can package
- 48 ° (nominal) acceptance angle
- Wide operating temperature range [-55 °C to 125 °C]
- Ideal for direct mounting to printed circuit boards
- Mechanically and spectrally matched to SE2460 and SE2470 infrared emitting diodes

Product Specifications

Series Name	SD2420
Product Type	IR Component
Angular Response (Degree)	48
Light Current Minimum	7.0 μ A
Package Type	Miniature, Pill
Package Components	Metal
Reverse Breakdown Voltage	50 V
Output Wavelength	935 nm
Rise and Fall Time	50 ns
Power Dissipation	125 mW
Operating Temperature	-55 °C to 125 °C [-67 °F to 257 °F]
Dark Current	20 nA

