

Honeywell Sensing and Control



Search


[narrow your search](#)

Products

- Controls Monitoring and Lighting (354)
- Machine Safety (1726)
- Sensors (7016)
- Switches (9736)

Technology

- Control and Instrumentation (1063)
- Electromechanical (9297)
- Microstructure (2298)
- NTC Thermistors (147)
- Thick Film (1764)

Need Help?

[Click here to contact us](#)

SE5450-013 Emitters - Metal Package

[\(Home : Products\)](#)


SE5450 Series GaAs Infrared Emitting Diode, TO-46 Metal Can

Actual product appearance may vary.

[Sales & Service](#)
[Distributor Inventory](#)
[Overview](#) [Specs](#) [Documentation](#) [Application Notes](#)

Product Specifications

Series Name	SE5450
Product Type	IR Component
Power Output	1.00 mW min
Beam Angle (Degree)	20
Package Type	TO-46, Dome Lensed
Forward Current	100 mA
Continuous Forward Current	100 mA
Forward Voltage	1.7 V
Reverse Breakdown Voltage	3 V
Output Wavelength	935 nm
Spectral Bandwidth	50 nm
Spectral Shift With Temperature	0.3 nm/°C
Rise and Fall Time	0.7 μs
Power Dissipation	150 mW
Operating Temperature	-55 °C to 125 °C [-67 °F to 257 °F]
Availability	Global