TSAL6200 IR transmitter diode, 5mm, ±17°, 940Nm, 60mW/sr, 2-pin, through-hole mounting

The TSAL6200 offers a 940 nm wavelength, high radiant power and speed and is packaged in a blue-grey plastic housing. Ideal for infrared remote controls and optical counters. Its main features are Ø 5m

Product number TSAL6200

Weight 0.007kg

Product description

TSAL6200 IR transmitter diode, 5mm, ±17°, 940Nm, 60mW/sr, 2-pin, through-hole mounting
The TSAL6200 is an IR transmitter diode with a wavelength of 940 nm, developed using GaAlAs multi-quantum well technology. It offers high radiant power and high speed, packaged in a blue-grey plastic housing. It is ideal for applications with high performance requirements such as infrared remote controls and optical counters.

Features at a glance

- Package type: leaded - Facilitates integration into circuits.
- Dimensions: Ø 5mm - Compact and versatile.
- High reliability - Durable and robust.
- High radiant power - Efficient and powerful.
- Half-value angle: ±17° - Wide beam angle for versatile applications.
- High radiation intensity
- Low forward voltage
- Suitable for high-pulse current operation
- Good spectral match with Si photodetectors

Technical specifications

- Diode type: IR emitter
- Diameter LED diode: 5mm
- Wavelength λd: 940nm
- Diode lens: blue-grey, transparent
- Optical power: 210mW
- Light angle: 17°
- Mounting: THT

Scope of delivery

- 1 x TSAL6200 IR transmitter diode, 5mm, ±17°, 940Nm, 60mW/sr, 2-pin, through-hole mounting

Product properties

Gross Weight (kg)	0.007
Zolltarifnummer	85414100
Country of Origin	China
Brand	Vishay Semiconductors
Product ID	TSAL6200
Manufacturer ID	TSAL6200
EAN	2050000057021

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