

Description:

The TCRT5000 and TCRT500L are reflective sensors which include an infrared emitter and phototransistor in a leaded package which blocks visible light. The package includes two mounting clips. TCRT5000L is the long lead version.

This tracking sensor integrated 5 infrared probe, it is equal to 5 single tracking sensors, which makes the car tracking the line more smoothly.

Applications:

- Position sensor for shaft encoder
- Detection of reflective material such as paper, IBM cards, magnetic tapes etc.
- Limit switch for mechanical motions in VCR
- General purpose - wherever the space is limited

Features:

- Distance Range: 1cm ~ 1.5cm
- Operating Voltage: 5V
- Output: Digital signal
- Sensor: TCRT5000L x 5
- Length x Width: 96.5mm x 20.3mm