



PRODUCT NAME : TCRT5000 Reflective
Infrared Optical Sensor Photoel
ectric Switches

PRICE : Rs 70.00
SKU : RM0549



DESCRIPTION

The **TCRT5000** and **TCRT5000L** 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.

Features of TCRT5000 Reflective Infrared Optical Sensor Photoelectric Switch:

- Package type: **leaded**.
- Detector type: phototransistor.
- Dimensions (L x W x H in mm): **10.2 x 5.8 x 7**.
- Peak operating distance: **2.5 mm**.
- Operating range within > 20 % relative collector current: 0.2 mm to 15 mm.
- Typical output current under test: **IC = 1 mA**.
- Daylight blocking filter.
- Emitter wavelength: **950 nm**.

Application of TCRT5000 Reflective Infrared Optical Sensor Photoelectric Switch:

- 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.
- For **DIY projects requiring IR based optical sensing**.

Also Searched as : **TCRT5000 , TCRT5000L , Reflective Infrared, Optical Sensor, Photoelectric Switch**

ADDITIONAL IMAGES

