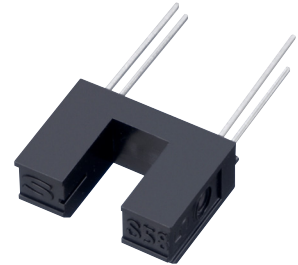


GP1S58VJ000F

Gap : 5mm, Slit : 0.5mm
Phototransistor Output,
Case package Transmissive
Photointerrupter



■ Description

GP1S58VJ000F is a standard, phototransistor output, transmissive photointerrupter with opposing emitter and detector in a case, providing non-contact sensing. For this family of devices, the emitter and detector are inserted in a case, resulting in a through-hole design.

This device uses positioning pins to insure accurate placement and avoid miss-orientation of the emitter and detector.

■ Features

1. Transmissive with phototransistor output
2. Highlights :
 - Vertical Slit for alternate motion detection
 - Positioning Pin to prevent misalignment
3. Key Parameters :
 - Gap Width : 5mm
 - Slit Width (detector side): 0.5mm
 - Package : 13.7×10×5.2mm
4. RoHS directive compliant

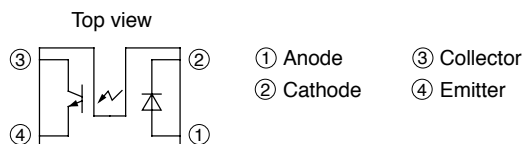
■ Agency approvals/Compliance

1. Compliant with RoHS directive

■ Applications

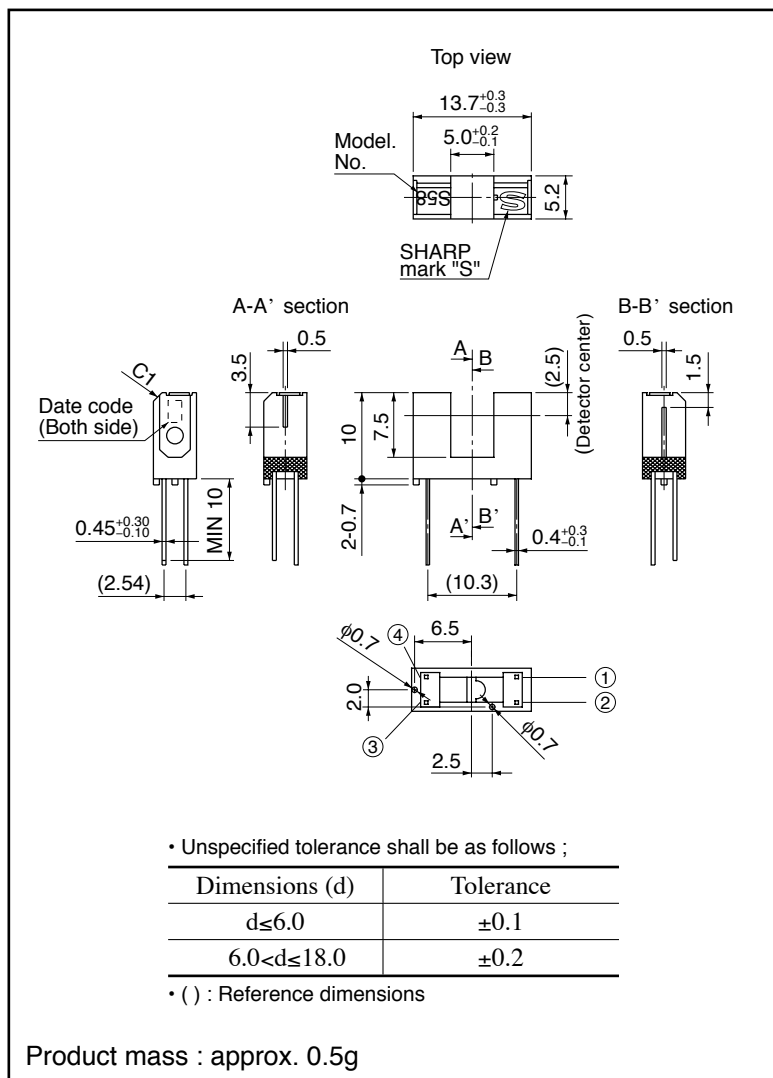
1. General purpose detection of object presence or motion.
2. Example : Printer, FAX, Optical storage unit

Internal Connection Diagram



Outline Dimensions

(Unit : mm)



Dip soldering material : Sn-3Ag-0.5Cu