

GP1S52VJ000F

Gap : 3mm Slit : 0.5mm
Phototransistor Output,
Case package Transmissive
Photointerrupter



■ Description

GP1S52VJ000F 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.

■ Features

1. Transmissive with phototransistor output
2. Highlights :
 - Vertical Slit for alternate motion detection
3. Key Parameters :
 - Gap Width : 3mm
 - Slit Width (detector side): 0.5mm
 - Package : 12.2×10×5mm
4. RoHS directive compliant

■ Agency approvals/Compliance

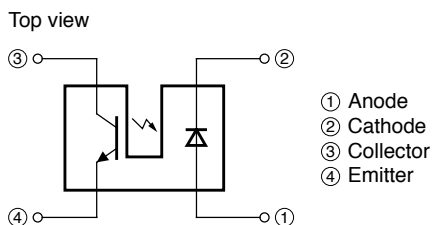
1. Compliant with RoHS directive

■ Applications

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

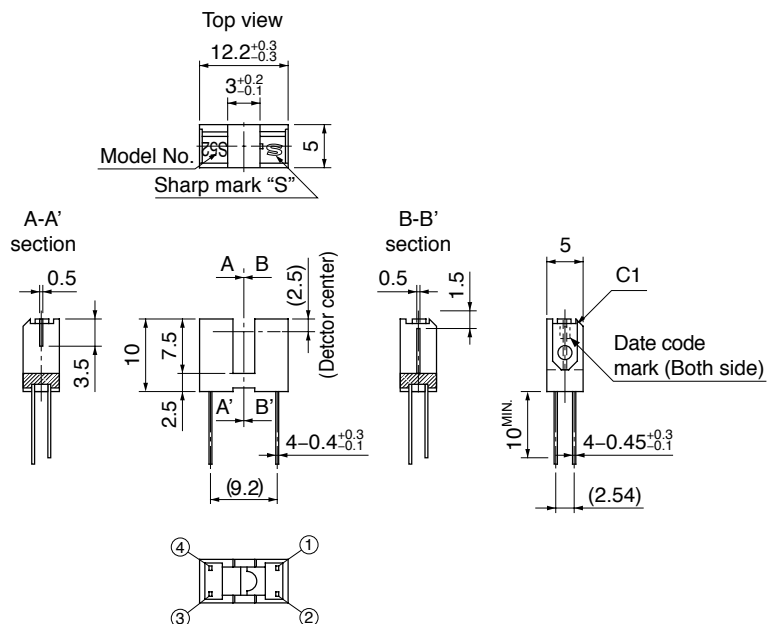
Notice The content of data sheet is subject to change without prior notice.
In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.

Internal Connection Diagram



Outline Dimensions

(Unit : mm)



• Unspecified tolerance shall be as follows ;

Dimension (d)	Tolerance
$d \leq 6$	± 0.1
$6 < d \leq 18$	± 0.2

• () : Reference dimensions

Product mass : approx. 0.49g

Dip soldering material : Sn-3Ag-0.5Cu