

GP1S096HCZ0F

Gap : 1mm, Slit : 0.3mm
Phototransistor Output,
Compact Transmissive
Photointerrupter



■ Description

GP1S096HCZ0F is a compact-package, phototransistor output, transmissive photointerrupter, with opposing emitter and detector in a molding that provides non-contact sensing. The compact package series is a result of unique technology combining transfer and injection molding.

This device has a low profile.

■ Features

1. Transmissive with phototransistor output
2. Highlights :
 - Compact Size
 - Narrow Gap
3. Key Parameters :
 - Gap Width : 1mm
 - Slit Width (detector side): 0.3mm
 - Package : 3.5×2.6×2.9mm
4. Lead free and RoHS directive compliant

■ Agency approvals/Compliance

1. Compliant with RoHS directive

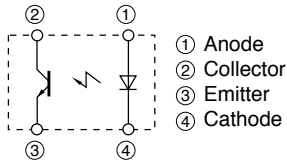
■ Applications

1. Detection of object presence or motion.
2. Example : printer, lens control for camera

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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.

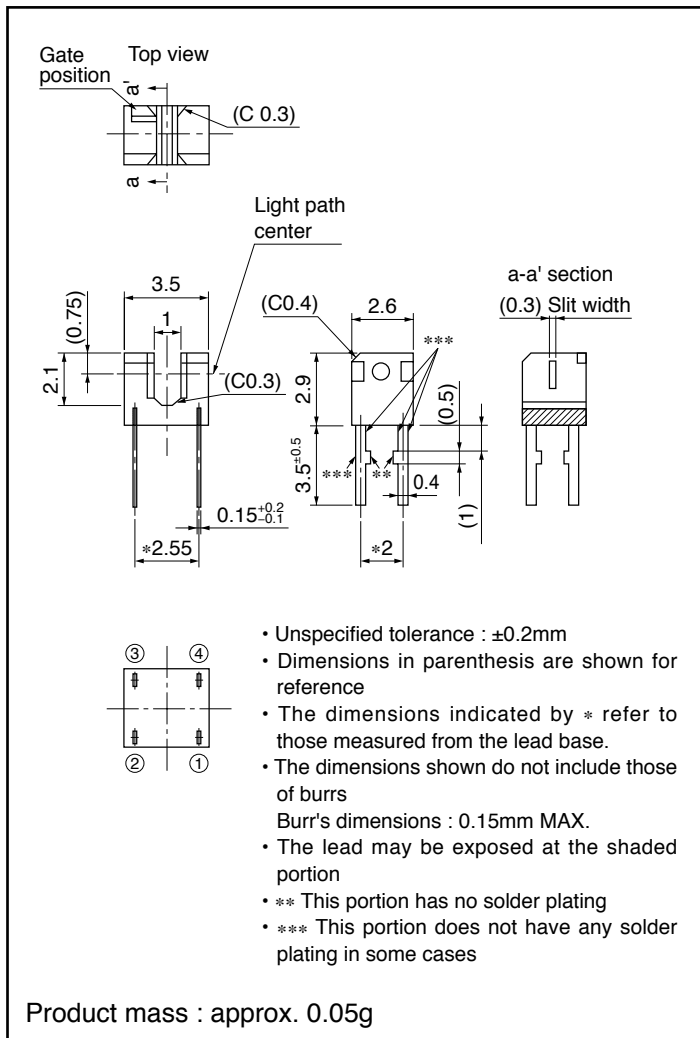
■ Internal Connection Diagram

Top view



■ Outline Dimensions

(Unit : mm)



Plating material : SnCu (Cu : TYP. 2%)

Country of origin

Japan