

GP2S700HCP

**SMT, Detecting Distance : 3mm
Phototransistor Output,
Compact Reflective
Photointerrupter**



■ Description

GP2S700HCP is a compact-package, phototransistor output, reflective photointerrupter, with emitter and detector facing the same direction in a molding that provides non-contact sensing. The compact package series is a result of unique technology, combining transfer and injection molding, that also blocks visible light to minimize false detection.

This device has a long focal distance for this family of devices and has a leadless (T&R) package, suitable for reflow soldering.

■ Features

1. Reflective with Phototransistor Output
2. Highlights :
 - Compact Size
 - Surface Mount Type (SMT), reflow soldering
 - Tape and Reel (T&R) 1 000 pcs per reel
3. Key Parameters :
 - Optimal Sensing Distance : 3mm
 - Package : 4×3×2mm
 - Visible light cut resin to prevent
4. Lead free and RoHS directive compliant

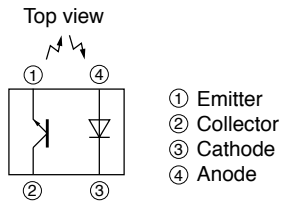
■ Agency approvals/Compliance

1. Compliant with RoHS directive

■ Applications

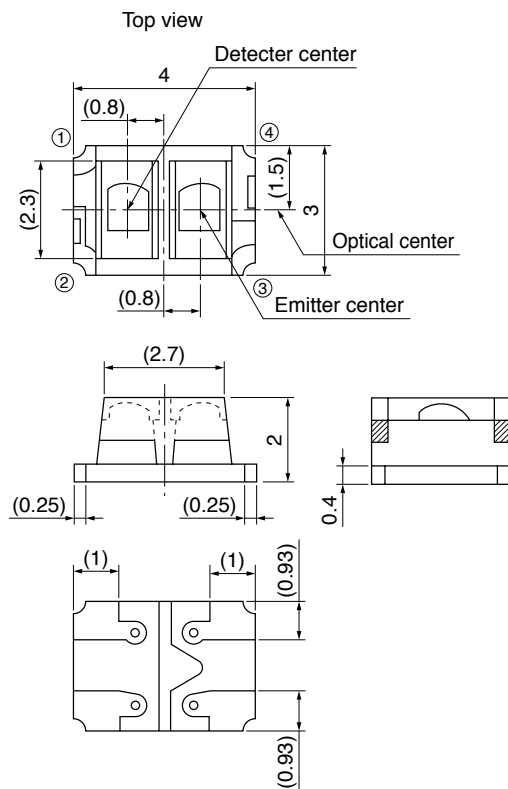
1. Detection of object presence or motion.
2. Example : printer, optical storage

Internal Connection Diagram



Outline Dimensions

(Unit : mm)



- Unspecified tolerance : $\pm 0.3\text{mm}$.
- Dimensions in parenthesis are shown for reference.
- Dimensions on the outline drawing is the maximum value excluding burr.
- The dimensions shown do not include burr.
Burr's dimension : 0.15mm MAX.

Product mass : approx. 0.025g

Plating material : Au

Country of origin

Japan