

GP2S60

SMT, Detecting Distance : 0.5mm Phototransistor Output, Compact Reflective Photointerrupter



■ Description

GP2S60 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 photointerrupter can be ordered in different CTR ranks, and has a thin, leadless (T&R) package, suitable for reflow soldering.

■ Features

1. Reflective with Phototransistor Output
2. Highlights :
 - Compact Size
 - Surface Mount Type (SMT), reflow soldering, with gullwing leads
 - Tape and Reel (T&R) 1 000 pcs per reel
3. Key Parameters :
 - Optimal Sensing Distance : 0.7mm
 - Package : 4×3×1.7mm
 - Visible light cut resin to prevent
4. Lead free and RoHS directive compliant

■ Agency approvals/Compliance

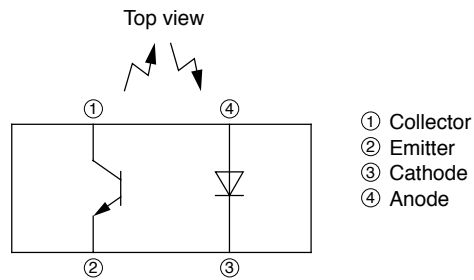
1. Compliant with RoHS directive

■ Applications

1. Detection of object presence or motion.
2. Any application, which production is migrating to 100% surface mount components.
3. Example : printer, optical storage

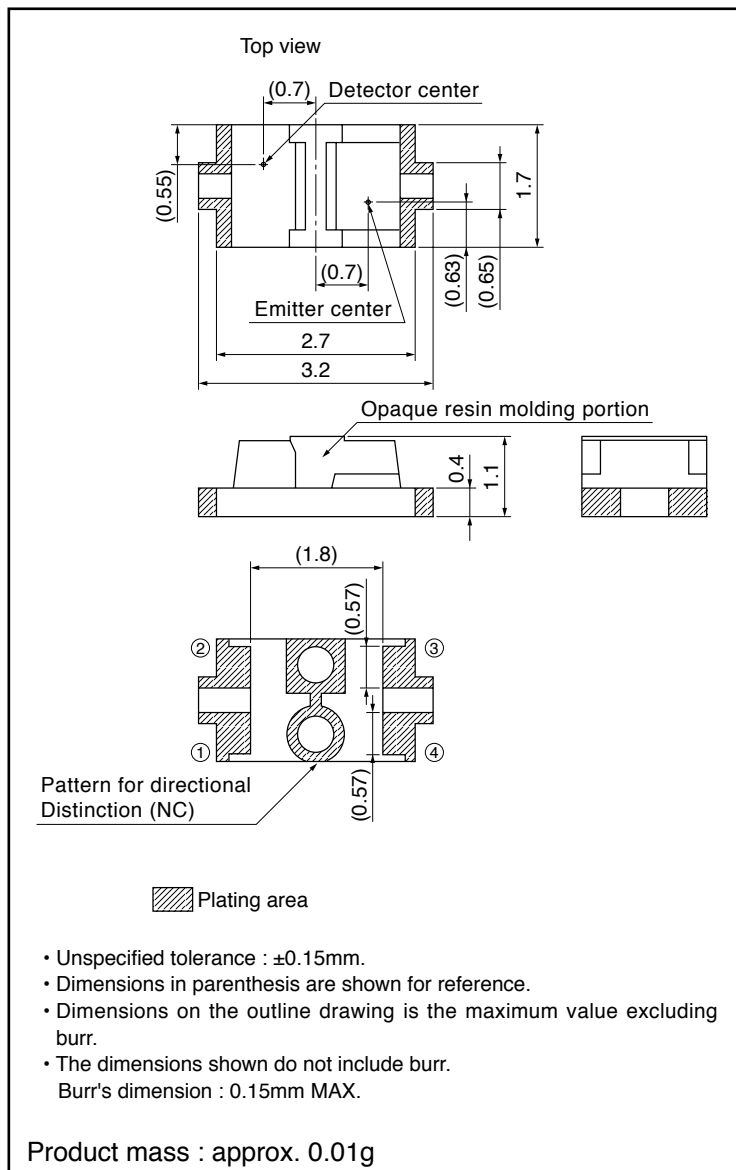
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Internal Connection Diagram



Outline Dimensions

(Unit : mm)



Plating material : Au

Country of origin
Japan