

Pre-Pickup inspection(character recognition/2D code recognition)

Pre-Pickup inspection prevents misplacement and improves quality!

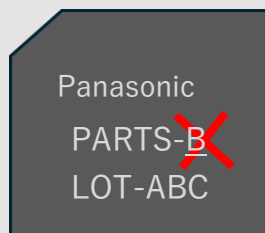
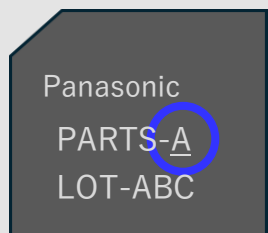
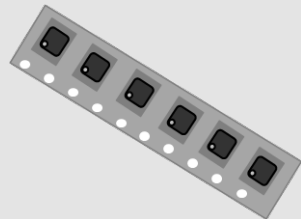
Problems

■ Improper setup of tray components and similar components causes a large number of mounting defects.

[Tray]



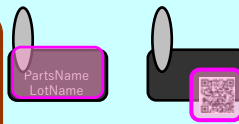
[Tape]



Effects after license introduction

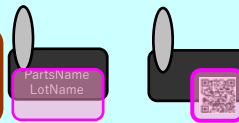
■ By performing OCR and 2D-code recognition with the head camera before picking components from the tray, we prevent incorrect component setup and achieve per-components traceability.

Incorrect setting part verification



Makes a judgment on incorrect setting by comparing the determined character strings of the part data with the read character strings.

Trace management



Adds the read information, such as lot names, to the mounting log file and outputs them to the host system.

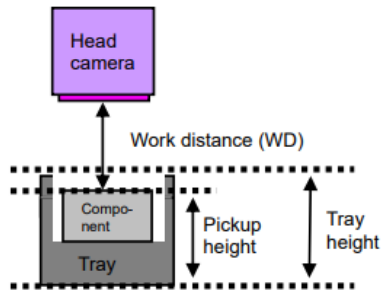
- Incorrect loading of tray and tape-fed components is detected to prevent the production of defective PCBs.
- Enables traceability management for tray and tape-fed components.

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■Precautions for use

1. Applicable components are limited.
Refer to the Instruction Manual for details.
2. For the tray component data, be careful when setting the component data.



If the pickup height and tray height are not set correctly, the image will be out of focus, resulting in out-of-focus images and misaligned faces.

3. The head camera LED lighting, tray feeder installation kit, pre-pickup inspection, a server PC, and an image-processing software license are required individually.
4. For further details and precautions, please refer to the instruction manual and the specification sheet.

■Applicable models

NPM Series

NPM-X Series

NPM-G Series

■Restrictions

NPM series: V10.09.07 or later

NPM-X series: V02.08.07E or later

NPM-G series: ALL

*Contact us for details.