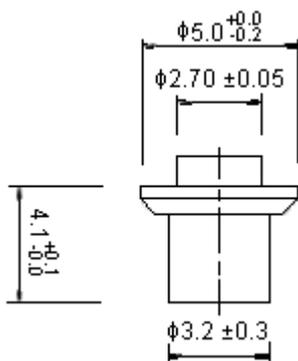


Features and Applications:

- Enhance the grounding of the Cinterion module to the PCB.
- Simple production process:
 - SMT process to solder mounting pillars to the PCB
 - Self-locking screw solution for mounting the module on to the mounting pillars.
- Flexible solution with easy access to remove the module.

R-14-0064:

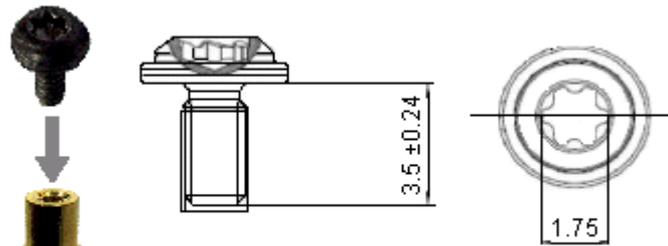
Mounting Pillar



Dimensions : Millimetres

R-14-0067:

Self-locking Screw



Dimensions : Millimetres

Specifications:

R-14-0064:

Mounting Pillar:

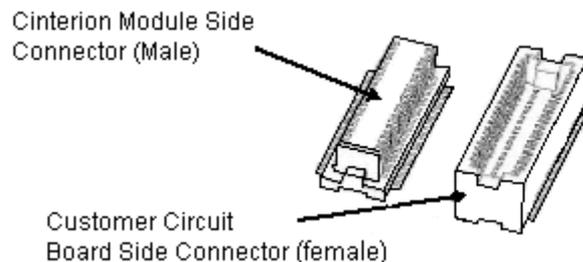
- Stacked Height : 4mm.
- Inner raw material : Ms58 (C3602) copper alloy.
- First plating layer : Copper flash.
- Second plating layer : Nickel plating (1.0 μ m).
- Third plating layer : Gold plating (0.8 μ m).

R-14-0064:

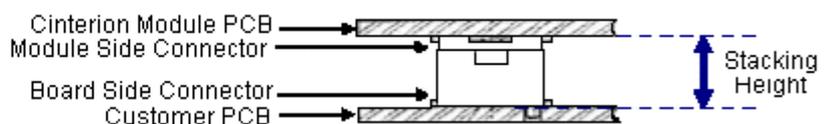
Self-locking Screw:

- Material : Iron.
- Surface : Black colour (anti-oxidant treatment).
- Screw head : Torx.

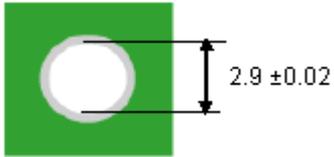
Stacking Height Definition:



When Both Connectors are Mated Together:



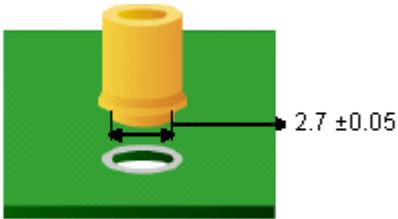
Mounting Instructions:



Dimensions : Millimetres

Plated PCB hole size to accommodate the solder mounting pillars : 2.9mm \pm 0.02mm.

Step 1 : SMT Process for Mounting Pillars



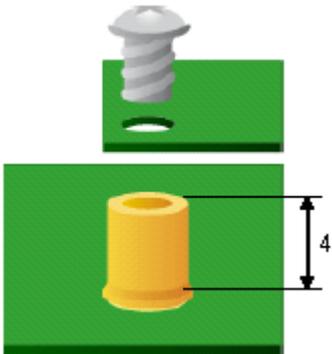
Dimensions : Millimetres

Solder Paste Applied to Pad on PCB



Solder the Mounting Pillar in Place Using Standard Surface Mount Techniques

Step 2 : Mounting the Module with Self-locking Screws



Dimensions : Millimetres

The torque values for tightening the screws are:

Recommended torque for tightening : 1.5kgf.cm.

Maximum torque for tightening : 1.70 to 1.80kgf.cm.

Part Number Table

Description	Part Number
Hardware, PCB, Stand Off, Pillar	R-14-0064
Hardware, PCB, Stand Off, Screw	R-14-0067

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