

DDR-3 DIMM Vertical Mount Socket

FCN-07 Series

RoHS compliant

FEATURES

- DDR-3: 240pin DIMM socket connector (press-fit or through hole type)
- Fujitsu original unique structure for twin contact points structure.

Item	Specification
Operating temperature range	-55°C to +85°C
Current rating	DC 0.5A
Voltage rating	AC 25V
Contact resistance	40mΩ maximum (DC 20mv, 10mA)
Dielectric withstanding voltage	AC 500V for 1 minute
Insulation resistance	1,000MΩ minimum (DC500V)
Insertion force	155.7N (about 15.9kgf) less than
Compliant pin insertion force	4,800N (about 489.5kgf) less than

MATERIALS

Item	Specification	
Insulating material	LCP, UL94 V-0	
Conductor	Copper Alloy	
Plating	Contact	Gold plating
	Compliant	Tin plating
Hook	LCP, UL94V-0	

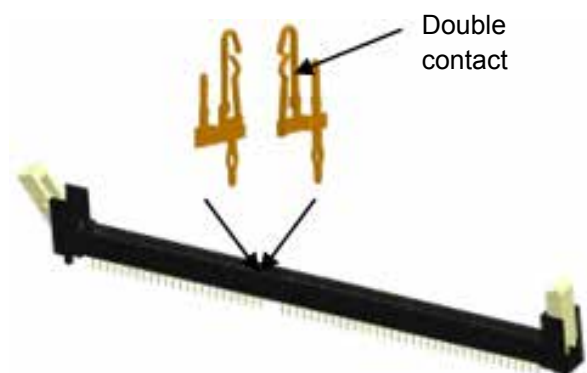
Plastic tray quantity: 40 pieces/tray
Container quantity: 200 pieces



Fujitsu's FCN-07 DDR-3 DIMM socket is a vertical mount press-fit socket.

The unique contact structure provides for twin points of contact that insure that dust is wiped clean when module is installed.

In addition, the twin points guarantee constant contact between the module and contact even in a high vibration environment.

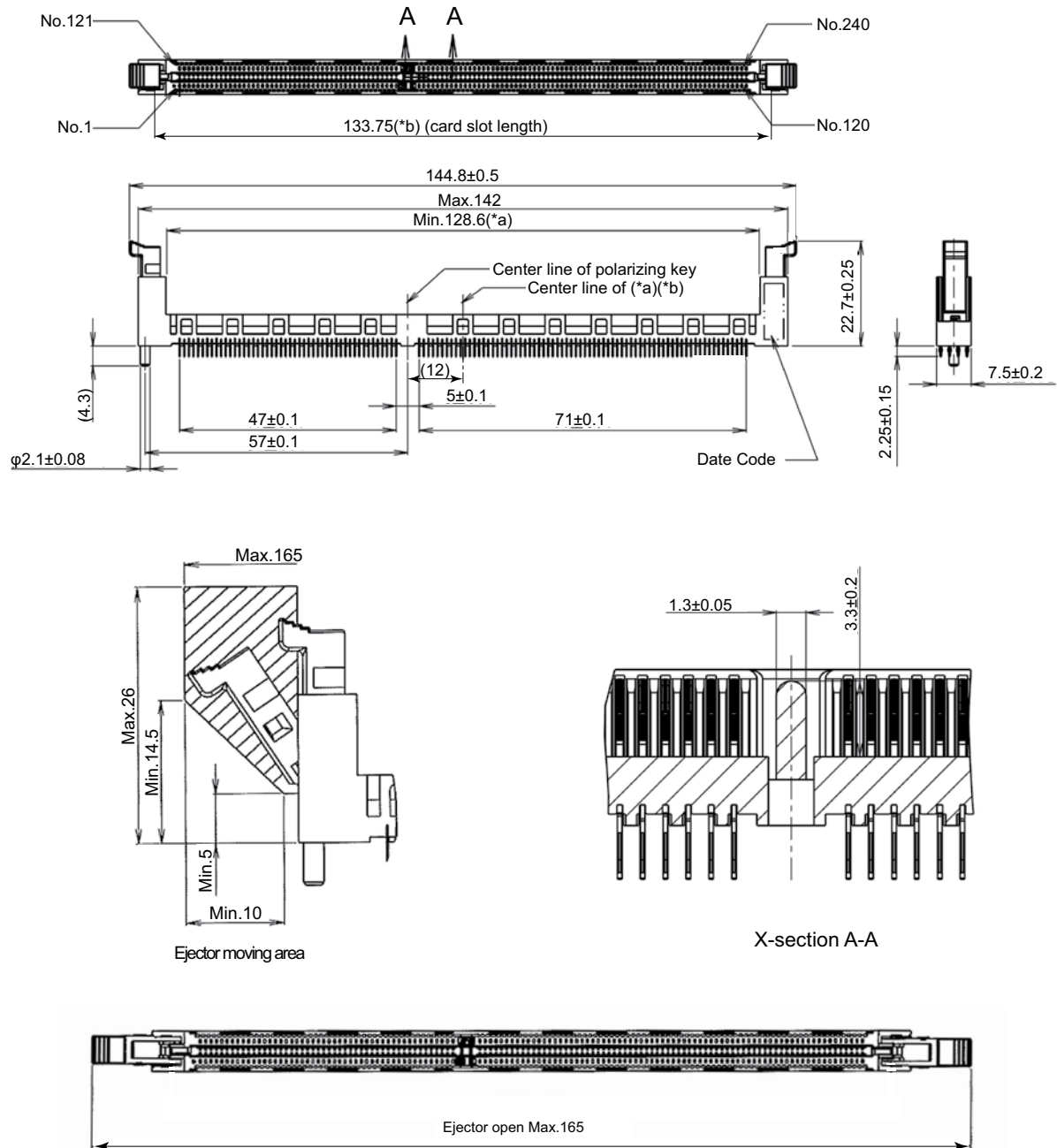


DDR-3DIMM Vertical Mount Socket

■ SPECIFICATIONS

Press-fit version

FCN-074J240-G/2P



Unit: mm

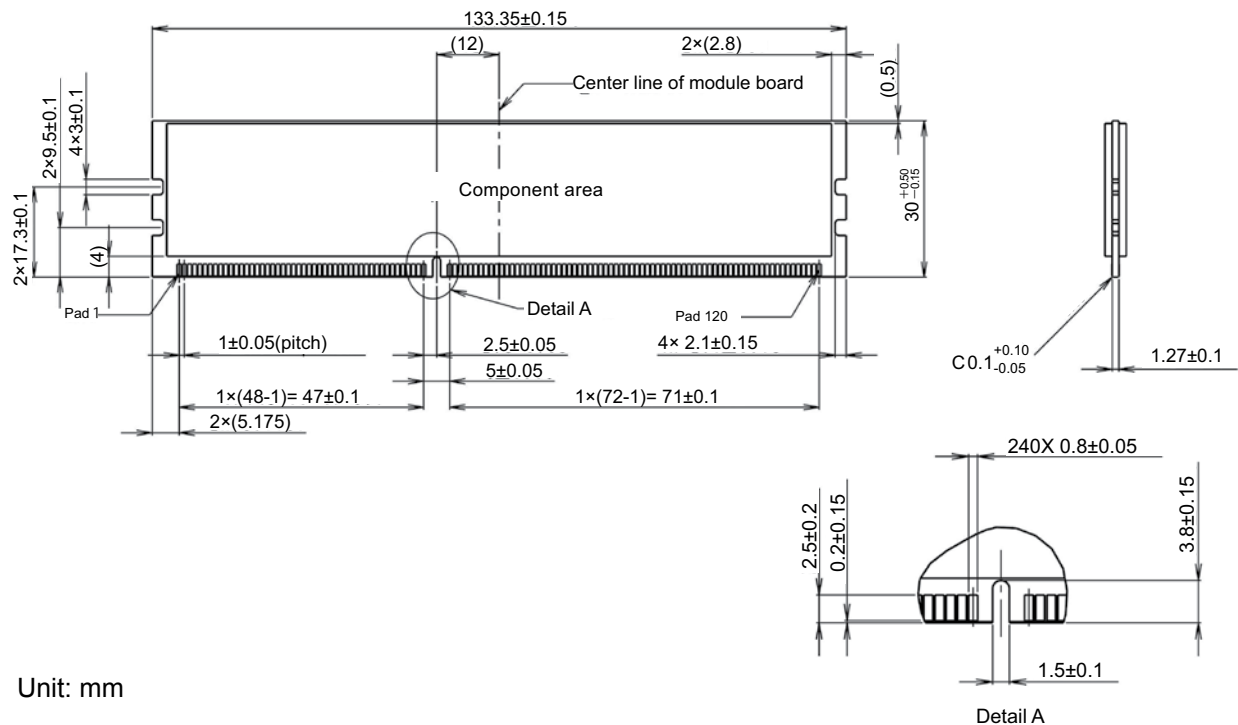
■ SPECIFICATIONS

Press-fit version

Technical drawing of a PCB layout showing dimensions and callouts. The main drawing is a top view of a rectangular PCB with a central circular feature. Dimensions include a total length of 165.0 ± 0.0, a width of 11.5, and a central circular feature with a diameter of $\phi 2.45 \pm 0.05$. The layout is divided into sections with lengths of 57 ± 0.05, 5 ± 0.05, and 71 ± 0.1. A central line of the footprint is indicated. A detail view (Detail A) shows a circular feature with a diameter of $\phi 1 \pm 0.05$ and a thickness of 1.9 ± 0.05. The layout includes a grid of holes with diameters of $\phi 0.56 \pm 0.05$ and $\phi 1 \pm 0.05$. A note specifies "PTH 240 ($\phi 0.66$ Drill hole)". A "Keep out area" is indicated on the right side with a width of 7.7 ± 0.0. Callouts include "No.121", "No.240", "No.120", and "No.1".

Applicable substrate thickness (mm): 1.6 min.

Applicable substrate
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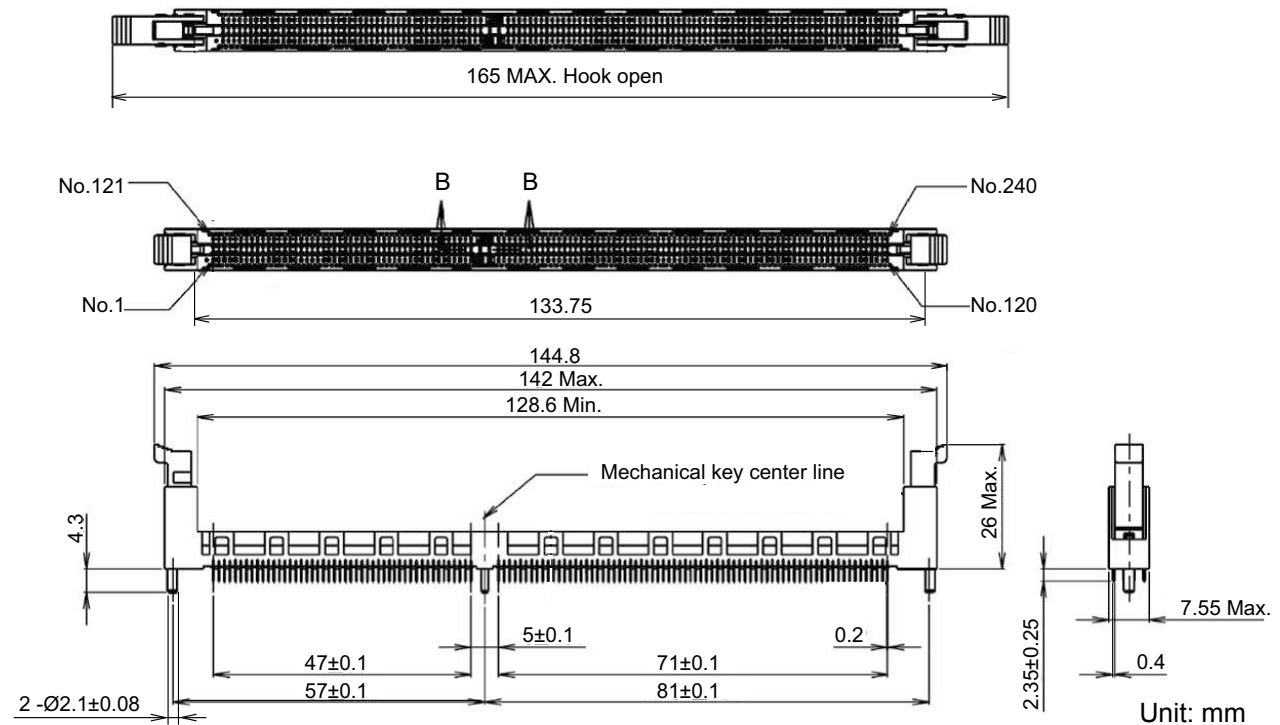
Unit: mm

DDR-3DIMM Vertical Mount Socket

■ SPECIFICATIONS

Through-hole solder version

FCN-074J240-G/1D

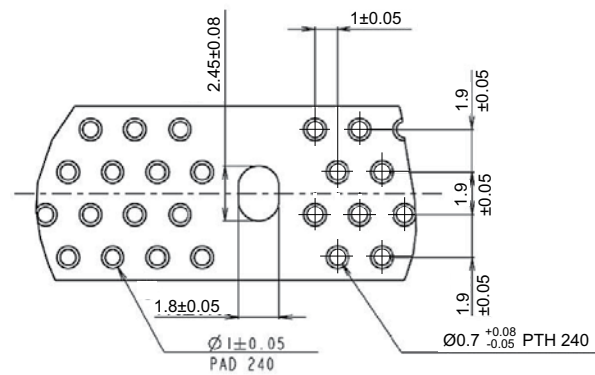
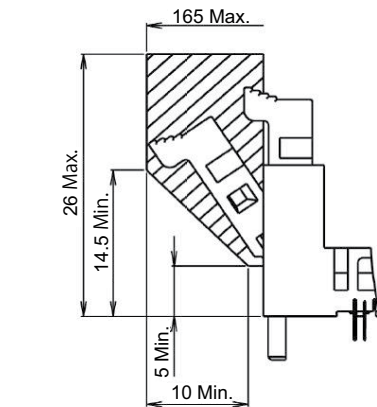


DDR-3DIMM Vertical Mount Socket

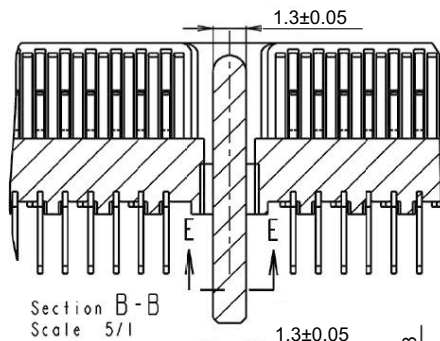
■ SPECIFICATIONS

Through-hole solder version

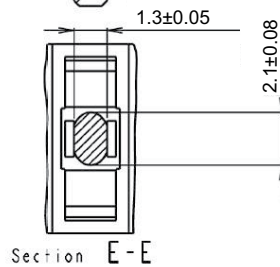
FCN-074J240-G/1D



Detail "C"
Scale 5/1

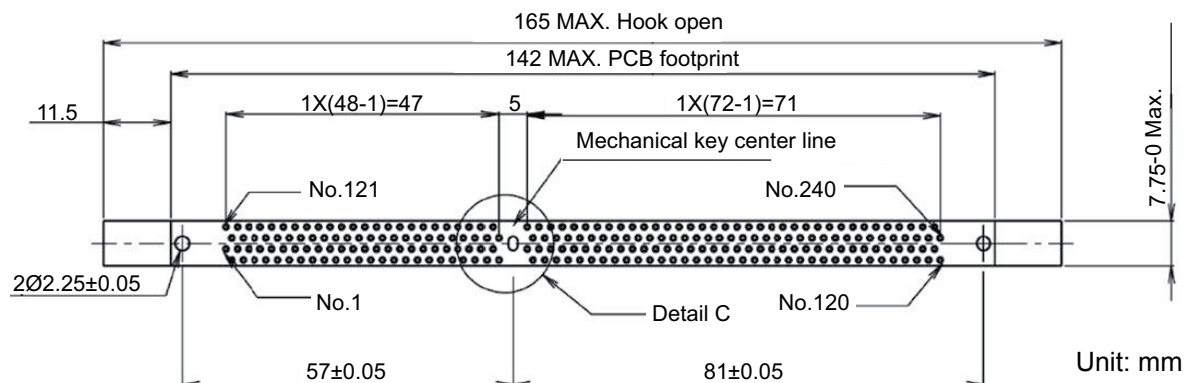


Section B-B
Scale 5/1



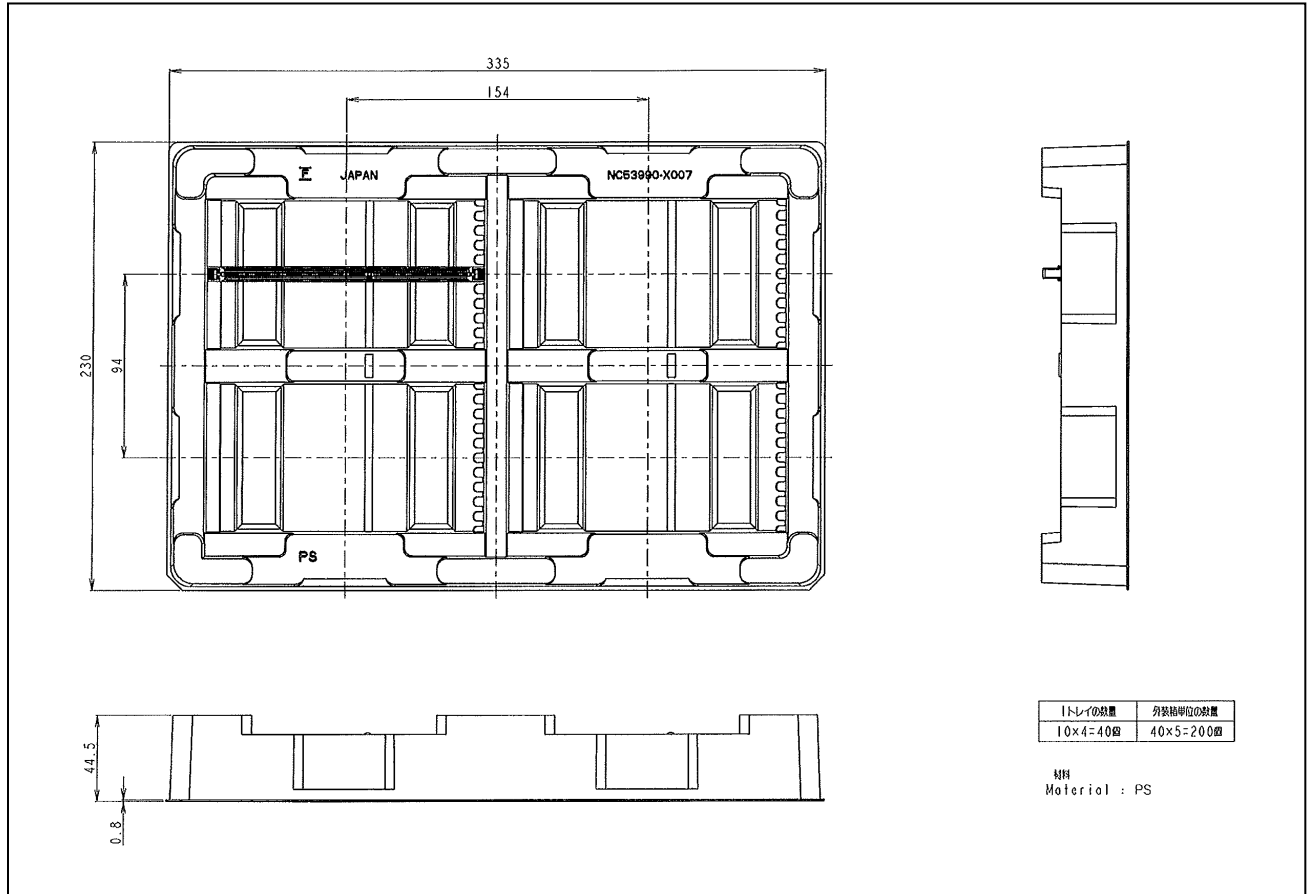
Section E-E

Applicable substrate
thickness (mm): 1.6



DDR-3DIMM Vertical Mount Socket

PACKAGING TRAY



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