

0.5mm Contact Spacing, ZIF Type Board To FPC Connectors Slide SMT Type

EFC-PT24 SERIES (SU/SD/V)

■ FEATURES

- 0.5mm contact spacing.
- No. of contacts: 4~50 pin.
- Connector Heights: 2.0mm
- Available in embossed type for automatic mounting.

■ SPECIFICATIONS

1.ELECTRICAL

- Voltage rating: 50V (per contact)
- Current rating: 0.5A (per contact)
- Dielectric Withstanding Voltage: 250VAC RMS
- Contact resistance: 20mΩ max.(initial), 40mΩ max.(final)
- Insulation resistance: 50MΩ min.
- Accommodated FFC/FPC Thickness: 0.30mm

2.MECHANICAL

- Durability: Mate & Unmate with applicability for 20 times, Contact resistance: 40mΩ max.
- Operating force (Slider): 0.05kgf*n(0.49N*n) max.(n: Pin)
- Cable holding force: 0.03kgf*n(0.294N*n) min.(n: Pin)
- Contact retention force: 0.1kgf (0.98N) min.

■ MATERIALS

1.MATERIAL

- Contacts: Copper Alloy
- Hold Down: Copper Alloy
- Insulator Housing: High Temp. Thermoplastic
- Slide: High Temp. Thermoplastic

2.PLATING

Contact:

- Nickel In All Area
- Tin over Nickel (RoHS Compliant)
- Tin & Au over Nickel (RoHS Compliant)
- Au over Nickel (RoHS Compliant)

Hold Down:

- Tin over Nickel (RoHS Compliant)

■ PACKING

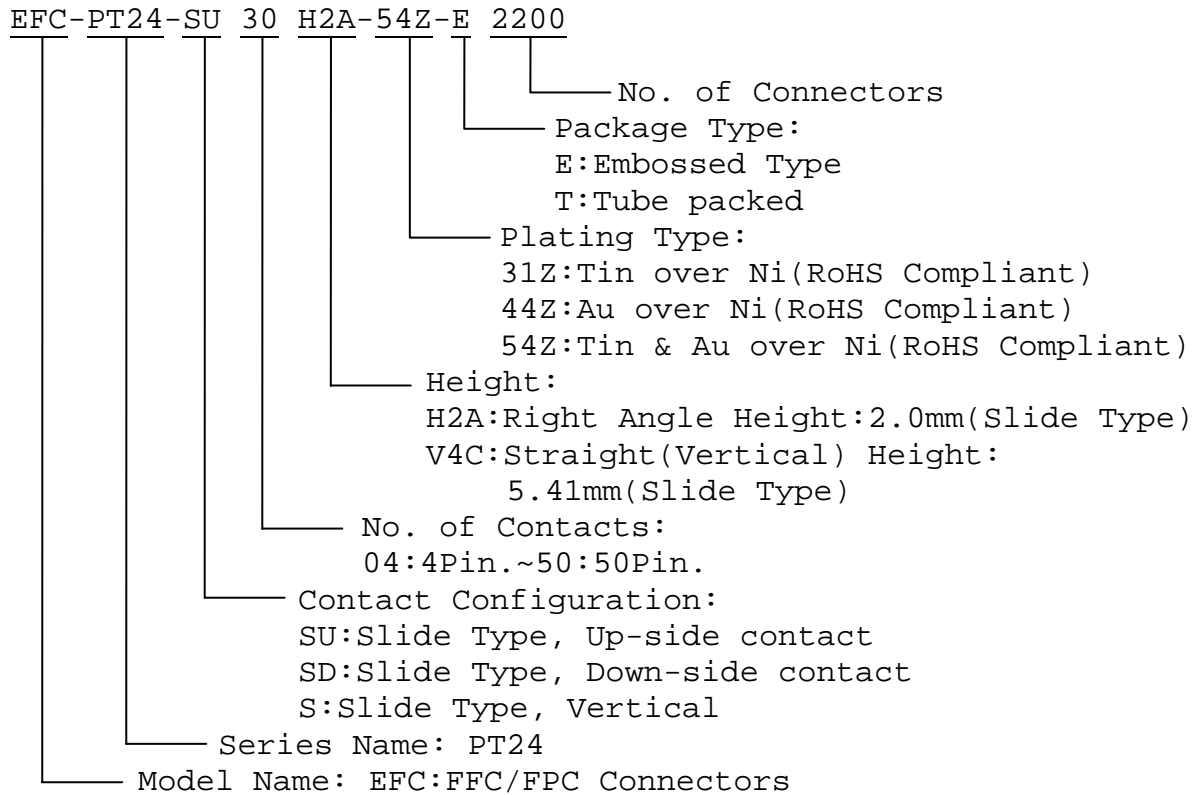
1.Packing method

1-1.All connector are packed in tube or reel methods.

2.Information on label (stuck to each ploy bag, reel and box)

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|--------------|------------------|--------------|--------------|
| (1)Part NO. | (2)Section. | (3)Lot NO. | (4)Quantity. |
| (5)QC stamp. | (6)Reprocess NO. | (7)ECE mark. | |

■ PART NUMBERING SYSTEM



■ DRAWING

EFC-PT24-SUH2A**



EFC-PT24-SDH2A**

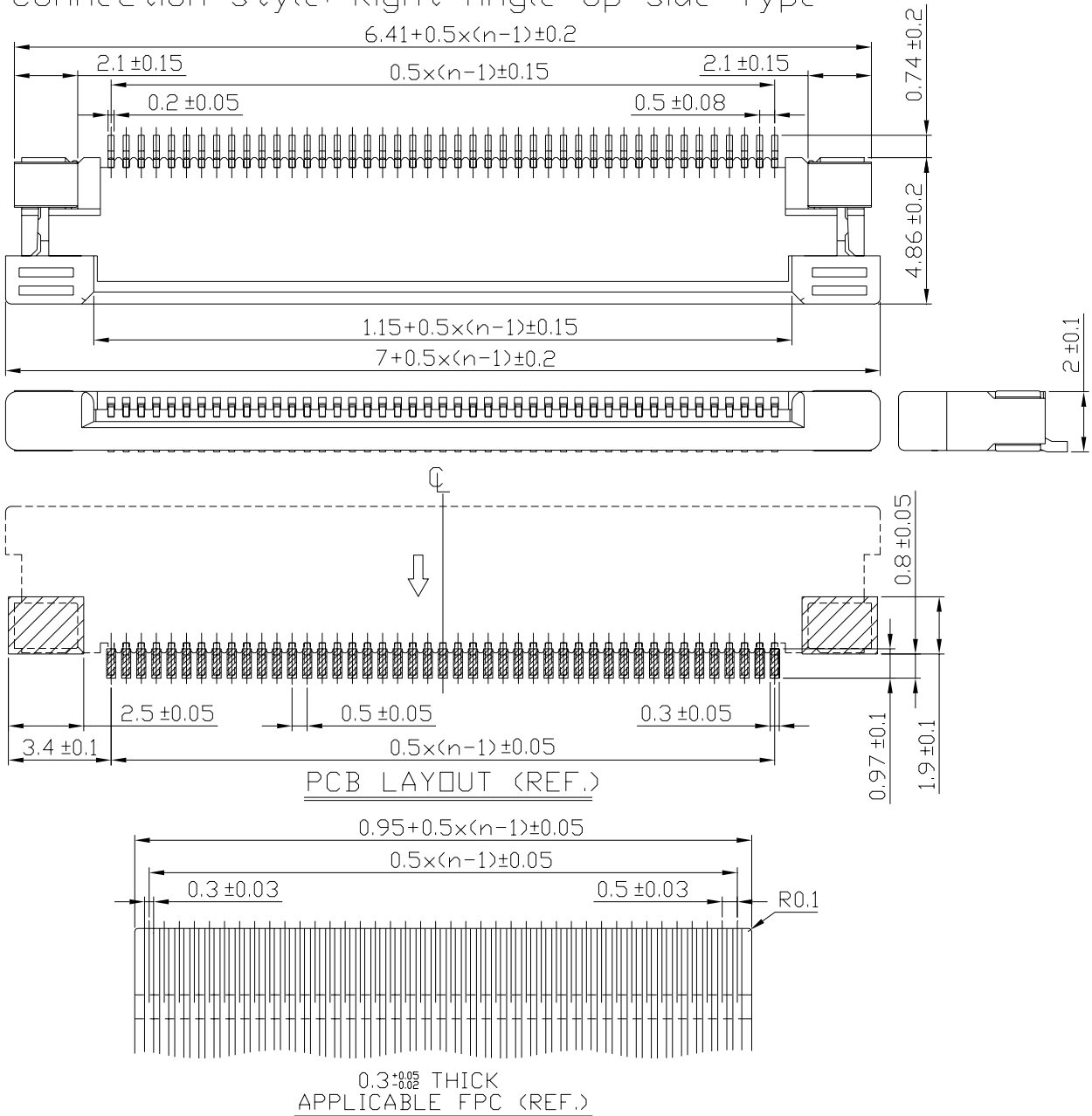


EFC-PT24-SV4C**

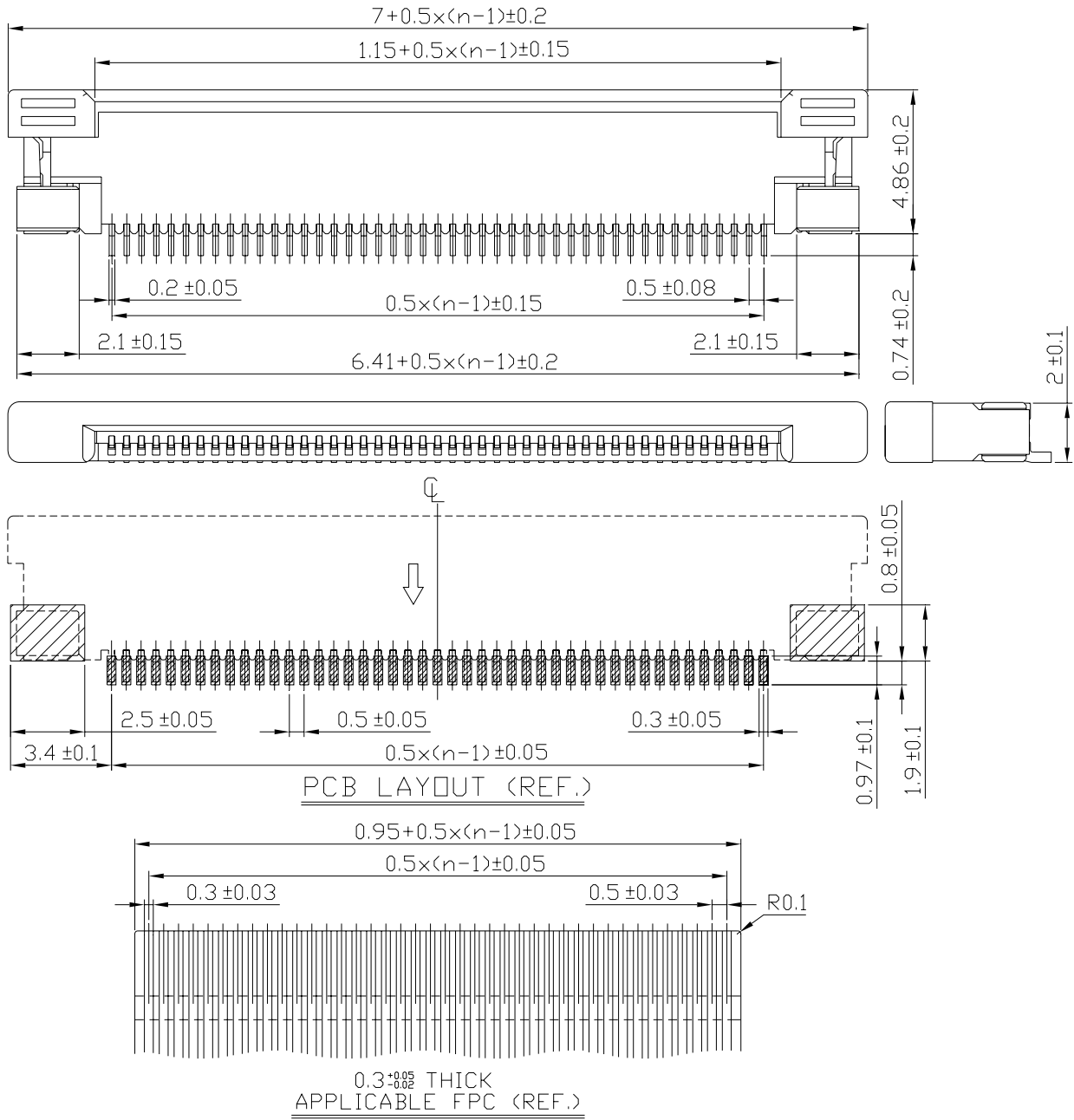


EFC-PT24-SU**H2A UNIT:mm

Connection Style: Right Angle Up Side Type



EFC-PT24-SD**H2A UNIT:mm
Connection Style: Right Angle Down Side Type



EFC-PT24-S**V4C UNIT:mm
Connection Style: Straight (Vertical) Type

