



0.8mm Contact Spacing, Board To Board SMT Connectors EBB-PR27 SERIES

■ FEATURES

- 0.8mm contact spacing.
- Number of contacts: 10~30 Pin.
- Stacking Heights: 3.5mm, 4.2mm
- Polarization key prevent mismatching.
- Available in embossed type for automatic mounting.

■ SPECIFICATIONS

1.ELECTRICAL

- Voltage rating: 50VAC
- Current rating: 0.5A
- Contact resistance: 30mΩ max.(initial), 40mΩ max.(final)
- Insulation resistance: 500MΩ (initial), 250MΩ (final)

2.MECHANICAL

- Durability: Mate & Unmate connectors for 35 times, Contact resistance: 30mΩ max.
- Connector Mating Force: 1.2N (0.12kgf)*(n: Pin) max.
- Connector Unmating Force: 0.196N (0.02kgf)*(n: Pin) min.
- Terminal Retention Force: 0.98N(0.1kgf) min.

■ MATERIALS

1.MATERIAL

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

2.PLATING

Contact:

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

Hold down:

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

■ PACKING

1.Packing method

- All connectors are packed in reel method.

■ PART NUMBERING SYSTEM

EBB - PR27 - S 012 V2N - 47Z - E 1600

No. of Connectors

1600: SxxxV2N

1500: PxxxV2N

1200: PxxxV3N

1300: PxxxV4N

Package Type:

E: Embossed type

Plating Type:

2Z: Au over Nickel (RoHS Compliant)

3Z: Tin over Nickel (RoHS Compliant)

22Z: Au over Nickel (RoHS Compliant)

(Au:Flash/H/D:Au over Nickel)

47Z: Au over Nickel (RoHS Compliant)

| * | Contact Area | Terminal Area | Hold Down Area |
|---------|--------------|---------------|----------------|
| Plating | Gold 30u" | Gold Flash | Gold Flash |

Height (mm):

| Socket | Plug | Mate Height |
|--------|------|-------------|
| V2N | V3N | 4.2 |
| V2N | V4N | 3.5 |
| V2N | V2N | 2.95 |

No. of Contacts:

010:10Pin. ~ 030:30Pin.

Connector Type:

S: Socket connector

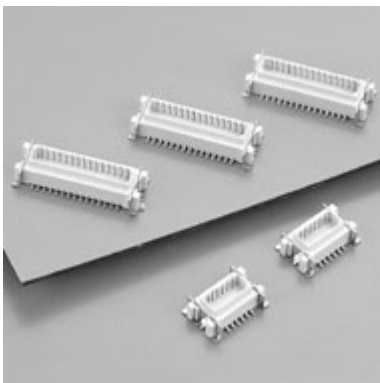
P: Plug connector

Series Name: PR27

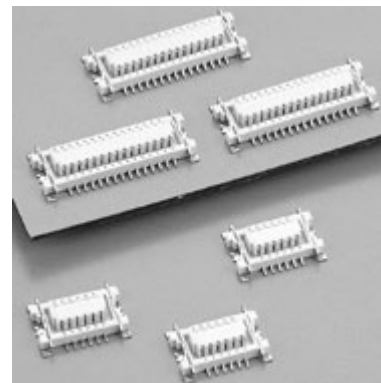
Model Name: EBB: Board to Board Connectors

■ DIMENSIONS UNIT:mm

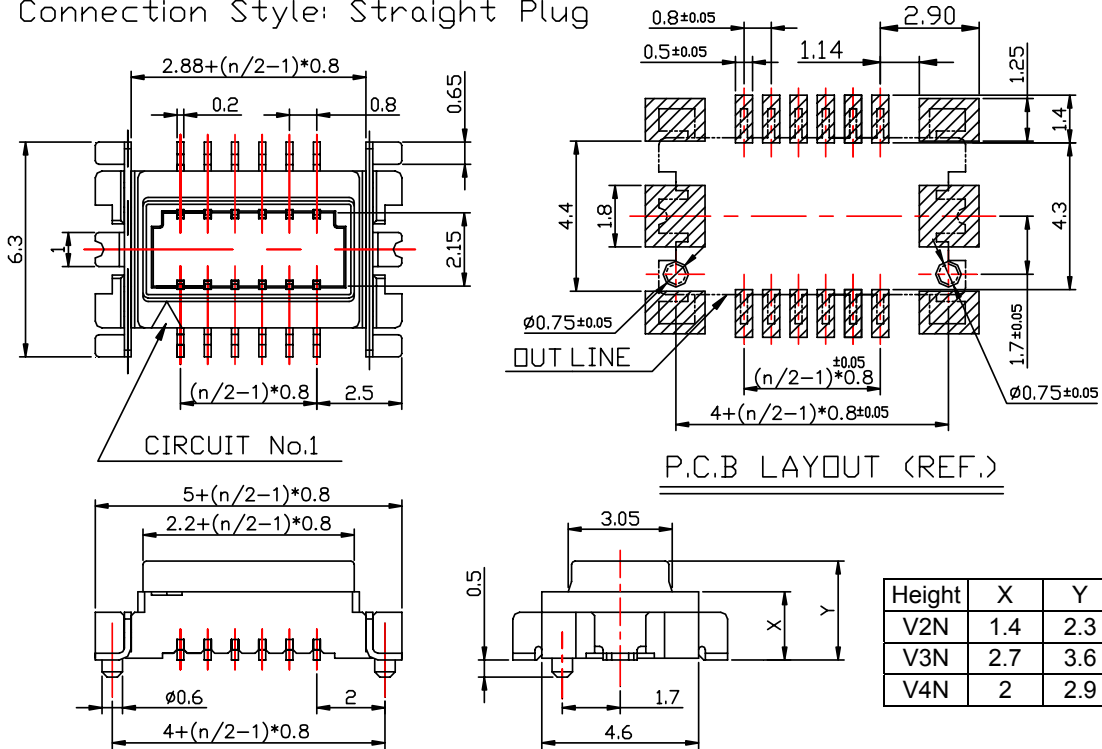
EBB-PR27-P*V*N**



EBB-PR27-S*V2N**



EBB-PR27-PxxxVxN UNIT:mm
Connection Style: Straight Plug



EBB-PR27-SxxxV2N UNIT:mm
Connection Style: Straight Receptacle

