

FEMALE HSC (HIGH SPEED) TOP ENTRY



1315 SERIES. 1.27 X 1.27 mm (0.050 x 0.050") Different Heights.

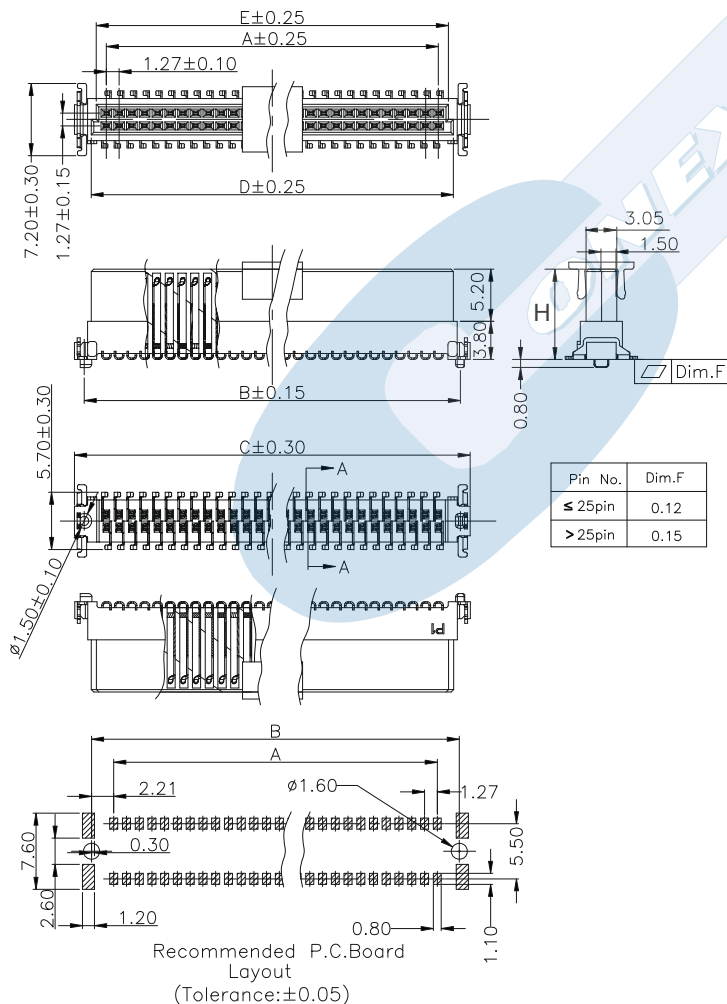
General Features

- Available in 12, 16, 20, 26, 32, 40, 50, 68 and 80 circuits
- Mates with 1.27 mm pitch male 1316 and 1318 series
- Fully shrouded with polarized slot
- Dual spring contact. Different heights options
- Plastic pegs for alignment of connector pins
- Data rate: Up to 8 Gbps / High speed

Materials

- Insulator: Polyester LCP UL 94 V-0
- Contact: Cooper alloy
- Operating temperature: -40°C to +125°C
- RoHS compliant

Dimension Information



Dimensions: (In mm.)

- A = 1.27 x (xx/2-1)
- B = 1.27 (xx/2) + 3.15
- C = 1.27 x (xx/2) + 5.08
- D = 1.27 x (xx/2) + 1.75
- E = 1.27 x (xx/2) + 0.75

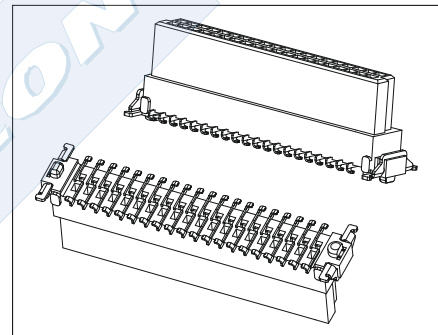
* XX (Number of circuits)

Electrical Features

- Voltage rating: < 100V
- Current rating: < 0.8 A
- Contact resistance: < 25 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ
- Capacitance: < 2 pF at 1 KHz

Mechanical Features

- Pin retention force to insulator: > 0,15 Kgf
- Durability: 50 cycles



Ordering Information:

1315 - T- XX- 2- L- E

1 2 3 4 5

1. Connector Series

2. (T) Contact Plating

- T = 2. Tin plated
- T = 3. Gold flash over nickel
Recommended Finish
- T = 5. 15μ" gold over nickel
- T = 6. 30μ" gold over nickel

3. (XX) Number of circuits

- Available in 12 through 80 circuits

4. (L) Height of connector

- L = 1. H=6.25 mm.
- L = 2. H=9.05 mm.
- L = 3. H=13.65 mm.

5. Packing Options

- E = 1. Tube + Pad (Standard Option)
- E = 2. Reel + Pad