

# SERIAL ATA 5 PINS POWER IDC RECEPTACLE



## 4215 SERIES. Serial ATA 5 Pins IDC receptacle.

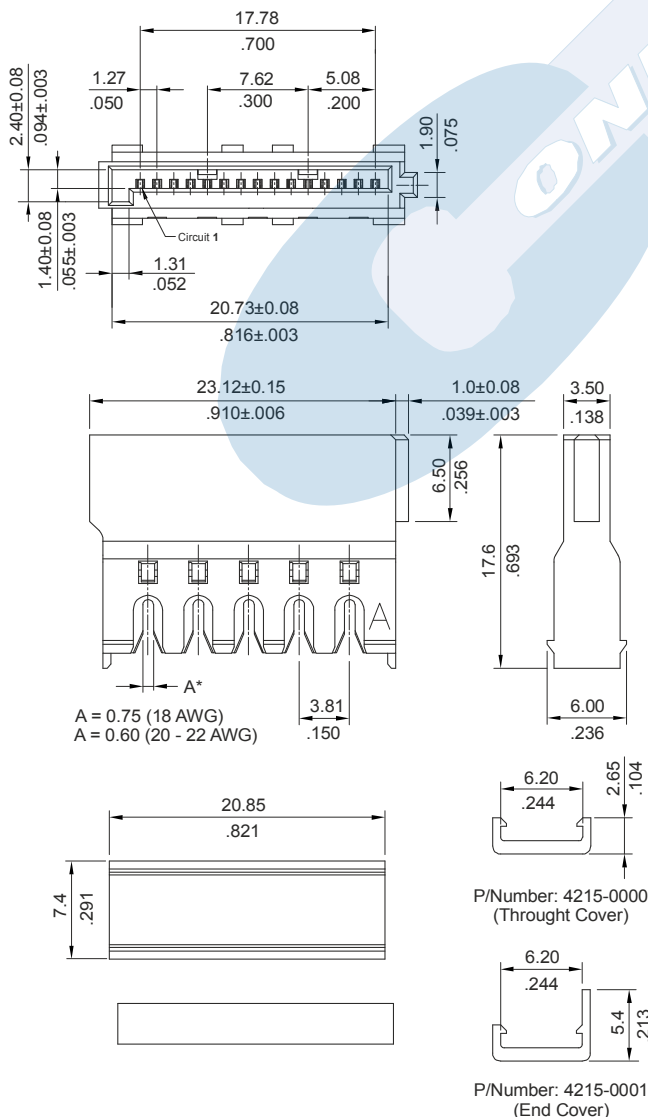
### General Features

- Meet serial ATA specifications 5 pins
- Accept 18 to 22 AWG wires
- Contact area: different gold plating over 50 μ nickel
- Trifurcated contact design
- With/without metal latch and plastic latch
- Optional: Throught or End cover

### Materials

- Insulator: PBT 30 % glass filled high temperature UL 94 V-0
- Contact: Phosphor bronze
- Operating temperature: -25°C to +105°C
- Halogen-Free
- RoHS compliant
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### Dimension Information



### Electrical Features

- Voltage rating: < 15V DC
- Current rating: < 1.50 A DC
- Contact resistance: < 30 mΩ
- Dielectric withstanding voltage: 500 V AC/minute
- Insulation resistance: >1000 MΩ

### Mechanical Features

- Wire pull-out force: 9.00 Kgf (18 AWG)  
7.00 Kgf (20 AWG)  
5.00 Kgf (22 AWG)
- Contact retention force to the housing: > 4.0 Kgf
- Connector insertion force: < 5.0 Kgf
- Connector removal force: > 1.0 Kgf (without latch)
- Durability: 100 cycles

### Ordering Information:

**4215-** **T-** **05-** **L** **W**  
1 2 3 4 5

#### 1. Connector Series

#### 2. (T) Contact Plating

- T = 13. Sel. gold flash over nickel overall  
Recommended Finish
- T = 15. 15μ" sel. gold over nickel overall
- T = 16. 30μ" sel. gold over nickel overall

#### 3. (XX) Number of circuits

- Available in 5 circuits

#### 4. (L) Latch Options

- L = 0. Without Latch
- L = 1. Metal Latch
- L = 2. Plastic Latch

#### 5. (W) AWG Cable

- W = 1. AWG 18
- W = 2. AWG 20 - 22