

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0432238182

Status:

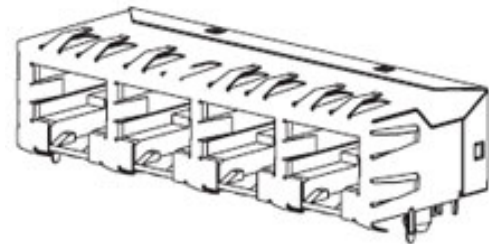
Active

Overview:

RJ-45 Ethernet

Description:

Modular Jack, Right Angle, Low Profile, 8/8, 8 Ports



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Packaging Specification \(PDF\)](#)
- [Product Specification PS-43223-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

|                           |                                        |
|---------------------------|----------------------------------------|
| Product Family            | Modular Jacks/Plugs                    |
| Series                    | 43223                                  |
| Comments                  | Flush Mount Flangeless External Shield |
| Component Type            | PCB Jack                               |
| Overview                  | RJ-45 Ethernet                         |
| Performance Category      | 3, 4                                   |
| Power over Ethernet (PoE) | N/A                                    |
| Product Name              | RJ45                                   |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Boot Color                     | N/A                            |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 500                            |
| Flammability                   | 94V-0                          |
| Inverted / Top Latch           | Yes                            |
| Lightpipes/LEDs                | None                           |
| Material - Metal               | Brass, Phosphor Bronze         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Orientation                    | Right Angle (Side Entry)       |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| PCB Thickness Recommended (in) | 0.062 In                       |
| PCB Thickness Recommended (mm) | 1.57 mm                        |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface (in)  | 0.040 In                       |
| Pitch - Mating Interface (mm)  | 1.02 mm                        |
| Pitch - Term. Interface (in)   | 0.050 In                       |
| Pitch - Term. Interface (mm)   | 1.27 mm                        |
| Plating min: Mating (µin)      | 50                             |
| Plating min: Mating (µm)       | 1.25                           |
| Plating min: Termination (µin) | 100                            |
| Plating min: Termination (µm)  | 2.5                            |
| Ports                          | 8                              |
| Positions / Loaded Contacts    | 8/8                            |
| Surface Mount Compatible (SMC) | No                             |
| Temperature Range - Operating  | -40°C to +85°C                 |
| Termination Interface: Style   | Through Hole                   |
| Waterproof / Dustproof         | No                             |
| Wire/Cable Type                | N/A                            |

Electrical

|                   |         |
|-------------------|---------|
| CSA               | LR19980 |
| Current - Maximum | 1.5A    |

EU RoHS

ELV and RoHS  
Compliant  
REACH SVHC  
Contains SVHC: No  
Halogen-Free  
Status

China RoHS



Need more information on product  
environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of  
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
non-product compliance questions.

Search Parts in this Series  
43223Series

Mates With  
FCC 68 Plugs

|                                                |                        |
|------------------------------------------------|------------------------|
| Grounding to PCB                               | Yes                    |
| Shielded                                       | Yes                    |
| UL                                             | E107635                |
| Voltage - Maximum                              | 150V AC (RMS)          |
| <b>Solder Process Data</b>                     |                        |
| Duration at Max. Process Temperature (seconds) | 5                      |
| Lead-free Process Capability                   | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 1                      |
| Process Temperature max. C                     | 260                    |
| <b>Material Info</b>                           |                        |
| Old Part Number                                | A432238182             |
| <b>Reference - Drawing Numbers</b>             |                        |
| Product Specification                          | PS-43223-001           |
| Sales Drawing                                  | SDA-43223              |

This document was generated on 02/03/2010

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION