



**THE DATASHEET OF**  
**0432028819**



### Cat5/5e

Molex's broad range of Modular Jacks and Plugs provides versatile solutions that meet today's bandwidth requirements and the ever increasing need for the transfer of information.

### Cat3

The extensive breadth of products offers exceptional performance and reliability for voice, data and high-speed networking applications, and are the ideal solution for consumer, office, medical, commercial and industrial applications.

### Reference Information

Circuit sizes: 4, 6, 8 contacts

Mating direction:

Right angle, vertical

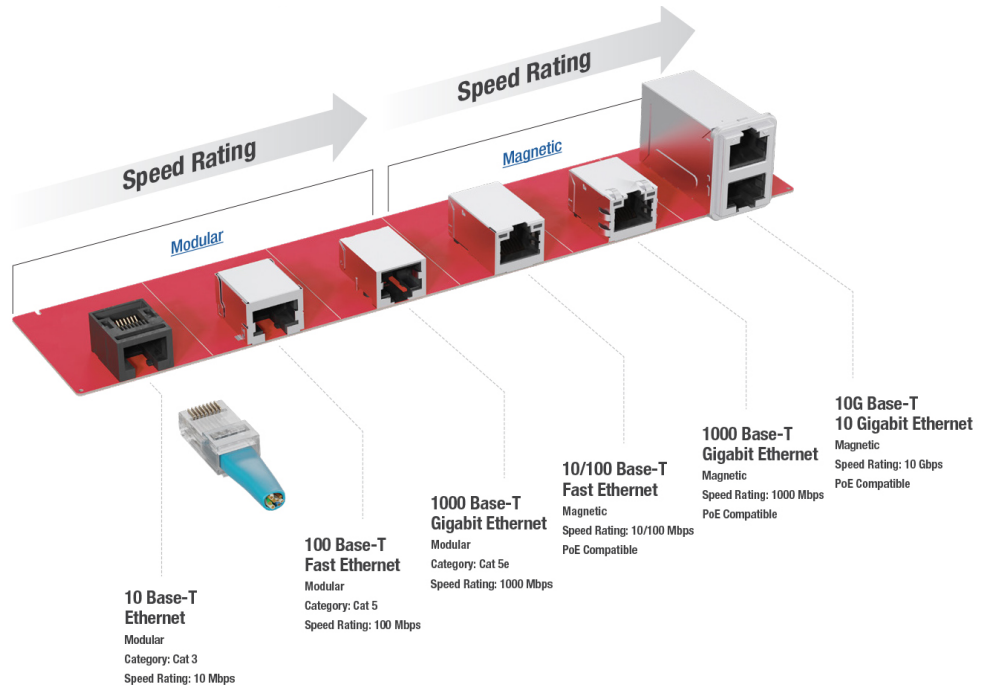
Shielding: With and without

Number of ports: Single, multiport

Soldering: Through hole, SMT

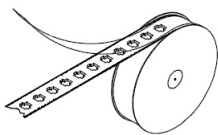
Speeds: Cat3, Cat5, Cat5E, One of the largest selections of modular jacks in the industry

Molex Modular Jacks provide high-quality performance with competitive prices and lead times.

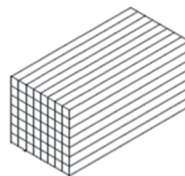


Visit [Molex.com](http://Molex.com) for more information about Molex's Magnetic Jack offering.

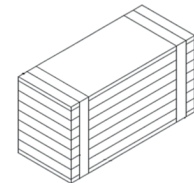
### Packaging Types



Tape and reel

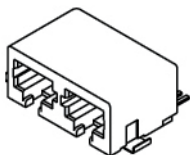


Tube

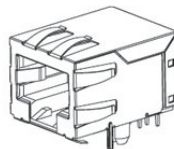


Tray

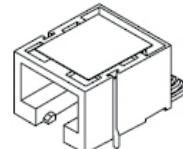
### Orientation Types



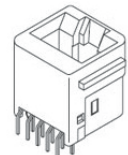
2 ports



Right angle



SMT



Vertical

### Ordering Information

|  | Series | Orientation | Ports | Category | PCB attachment    |                   | Shielding      | LED | Positions/Loaded Contacts | Height (mm)                           | Description   |  |                   |               |                                   |                   |   |  |                                 |
|--|--------|-------------|-------|----------|-------------------|-------------------|----------------|-----|---------------------------|---------------------------------------|---|--|-------------------|---------------|-----------------------------------|-------------------|---|--|---------------------------------|
|  |        |             |       |          | Signal tails      | Body tails        |                |     |                           |                                       |   |  |                   |               |                                   |                   |   |  |                                 |
|  | 44915  | N/A         | 1     | 6        | N/A               | N/A               | None           | No  | 8/8                       | N/A                                   | Long body plug  |  |                   |               |                                   |                   |   |  |                                 |
|  | 95009  | Right angle |       | 3        | Through hole      | Through hole      | Through hole   |     | X                         | 4/4 6/4<br>6/6 8/8                    | 16.00   | Flush or flange                                    |                   |               |                                   |                   |   |  |                                 |
|  | 95501  |             |       |          |                   |                   |                |     |                           |                                       |   |  | Through hole, SMT | Through hole  | External shield                   | 11.50             | Optional Key                            |  |                                 |
|  | 95622  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   |               |                                   |                   |   | SMT                                      | Through hole, SMT               |
|  | 95540  |             |       |          | Through hole, SMT | Through hole, SMT | X              |     | 11.50                     | SMT or through hole shield tabs/nails |   |  |                   |               |                                   |                   |   |  |                                 |
|  | 85502  |             |       |          |                   |                   |                |     |                           |                                       | Through hole, SMT                                       | External shield                                    | 13.00             | Shield tabs   |                                   |                   |   |  |                                 |
|  | 85542  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   |               | Through hole, SMT                 | Through hole, SMT | X                                       | 11.50                                    | Shielded with optional EMI tabs |
|  | 85543  |             |       |          | Through hole      | Through hole      | X              |     | 13.00                     | Unshielded through hole               |   |  |                   |               |                                   |                   |   |  |                                 |
|  | 85503  |             |       |          |                   |                   |                |     |                           |                                       | Through hole  | Through hole                                       | Internal shield   | 11.50         | Internally shielded               |                   |   |  |                                 |
|  | 85504  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   |               |                                   | Through hole      | Through hole                            | External shield                          | 13.00                           |
|  | 85505  |             |       |          | 3                 | Through hole      | Through hole   |     | External none             | No                                    | 4/2, 4/4, 6/2, 6/4,<br>6/6, 8/2, 8/4, 8/6,<br>8/8, 8/10 | 11.58/<br>11.81.12.09                              | Ultra-low profile |               |                                   |                   |   |  |                                 |
|  | 43202  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   | SMT           | SMT                               | None              | 6/2, 6/4, 6/6,<br>8/4, 8/6, 8/8         | 12.83/13.00                              | Shield option on 8-circuit only |
|  | 43249  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   |               |                                   |                   |   |  |                                 |
|  | 43743  |             |       |          | Through hole      | Through hole      | External, none |     | Lightpipes & N            | 6/2, 6/4, 6/6,<br>8/4, 8/8            | 13.21/13.53/<br>13.54                                   | Inverted, available with or without lightpipes     |                   |               |                                   |                   |   |  |                                 |
|  | 43860  |             |       |          |                   |                   |                |     |                           |                                       |   |  | SMT               | SMT           | None                              | No                | 6/2, 6/4, 6/6,<br>8/2, 8/4, 8/6,<br>8/8 | 11.73                                    | Inboard fitting nails           |
|  | 44144  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   |               |                                   |                   |   |  |                                 |
|  | 44282  |             |       |          | Through hole      | Through hole      | External, none |     | Lightpipes & N            | 6/4, 6/6,<br>8/4, 8/6, 8/8            | 13.21/<br>13.53   | Mini PCIe available with or without lightpipes     |                   |               |                                   |                   |   |  |                                 |
|  | 44380  |             |       |          |                   |                   |                |     |                           |                                       |   |  | Through hole      | Through hole  | External, none                    | 1 Lightpipe       | 13.21/<br>13.46                         | RJ-11 keep-out feature, single lightpipe |                                 |
|  | 44620  |             |       |          | 5e                | Through hole      | Through hole   |     | No                        | 8/8                                   | 12.83/<br>13.06   | Option to omit side tabs for side-to-side stacking |                   |               |                                   |                   |   |  |                                 |
|  | 44050  |             |       | External |                   |                   |                |     |                           |                                       |   |  | External          | 9.19/<br>9.53 | Three different shielding options |                   |   |  |                                 |
|  | 44661  |             |       |          |                   |                   |                |     |                           |                                       |   |  |                   |               |                                   |                   |   |  |                                 |

### Ordering Information

|  | Series | Orientation | Ports            | Category | PCB attachment    |              | Shielding      | LED        | Positions/Loaded Contacts                   | Height (mm)                                 | Description                          |              |      |                          |           |
|--|--------|-------------|------------------|----------|-------------------|--------------|----------------|------------|---|---|--------------------------------------|--------------|------|--------------------------|-----------|
|  |        |             |                  |          | Signal tails      | Body tails   |                |            |   |   |                                      |              |      |                          |           |
|  | 43814  | Right angle | 2                | 3        | Through hole      | Through hole | None           | No         | 6/2, 6/4, 6/6                               | 12.70                                       | Inverted flangeless                  |              |      |                          |           |
|  | 43841  |             |                  |          |                   |              |                |            | 6/2, 6/4, 6/6, 8/4, 8/6, 8/8                | 11.80                                       | Outboard fitting nails               |              |      |                          |           |
|  | 44193  |             |                  |          |                   |              |                |            | Inboard fitting nails                       |   |                                      |              |      |                          |           |
|  | 43223  |             | 2, 3, 4, 5, 6, 8 | 3        |                   |              | External, none | No         | 6/2, 6/4, 6/6, 8/4, 8/6, 8/8, 8/10          | 12.83/13.31                                 | Multi-port, low profile              |              |      |                          |           |
|  | 44560  |             | 2, 4             | 5e       |                   |              | 8/8            | 9.19/9.53  | Low profile                                 |   |                                      |              |      |                          |           |
|  | 44150  |             | 2, 4, 6, 8       | 5e       |                   |              | External, none | No         | 8/8   | 12.83/13.31                                 | Press-fit or snap-fit pegs           |              |      |                          |           |
|  | 44248  |             | 2, 4             | 3        |                   |              |                | Lightpipes | 6/4, 6/6, 8/8                               | 13.21/13.45                                 | Inverted                             |              |      |                          |           |
|  | 44170  |             | 8, 12, 16        | 5e       |                   |              | External       | Lightpipes | 8/8   | 25.41                                       | Press-fit or snap-fit pegs           |              |      |                          |           |
|  | 44520  |             |                  |          |                   |              |                | No         |   |   |                                      |              |      |                          |           |
|  | 95503  | Vertical    | 1                | 3        | Through hole, SMT | Through hole | X              | No         | 4/4 6/4 6/6 8/8                             | 12.7 or 15.7                                | Flush or flange. Low or high profile |              |      |                          |           |
|  | 95522  |             |                  |          | Flush or flange   |              |                |            |   |   |                                      |              |      |                          |           |
|  | 95551  |             |                  |          | 6/6               |              |                |            |   | 16.25                                       | Offset plug latch                    |              |      |                          |           |
|  | 95552  |             |                  |          | 8/8               |              |                |            | 16.50                                       | Internally shielded flush or flange         |                                      |              |      |                          |           |
|  | 95623  |             |                  |          |                   |              |                |            |   | Externally shielded                         | Shielded top entry                   |              |      |                          |           |
|  | 85510  |             |                  |          | 4/4 6/4 6/6 8/8   |              |                |            | 15.70                                       | SMT solder tabs, optional pick & place tape |                                      |              |      |                          |           |
|  | 85513  |             |                  |          |                   |              |                |            | 12.70                                       |   |                                      |              |      |                          |           |
|  | 85506  |             |                  |          | 8/8               |              |                |            | 16.30                                       | Unshielded through hole                     |                                      |              |      |                          |           |
|  | 85507  |             |                  |          |                   |              |                |            | 16.25                                       | Flush or flange                             |                                      |              |      |                          |           |
|  | 85508  |             |                  |          |                   |              |                |            | 16.50                                       | Shielded top entry                          |                                      |              |      |                          |           |
|  | 85511  |             |                  |          |                   |              |                |            | 12.70 or 15.70                              | Low and high profile                        |                                      |              |      |                          |           |
|  | 42410  |             |                  |          |                   |              |                |            | 4/2, 4/4, 6/2, 6/4, 6/6, 8/2, 8/4, 8/6, 8/8 | 16.38                                       | External                             | Through hole | None | 8/2, 8/4, 8/6, 8/8, 8/10 | 12.70     |
|  | 42878  |             |                  |          | 8/8, 8/10         |              |                |            |   |   |                                      |              |      |                          |           |
|  | 43090  |             |                  |          |                   |              |                |            |   |   |                                      |              |      |                          | 8/8, 8,10 |

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