



Introducing PCB Connector that Meets RAST 5 Standard

PCB Connector that Meets RAST 5 Standard with Vertical Through Hole Technology, available with tin or silver plating, external locking.

KEY FEATURES

- Designed to the RAST 5 Standard
- Tin / Silver plating
- 2-8 positions
- Available in multiple colors
- 3 footprint layouts
- Thousands of configurations of keying & latching & polarization
- UL/VDE/CQC approval
- Meets UL 94 V0 & GWT 750°C w/o flame

APPLICATIONS

- Front-loading washing machine
- Dishwasher
- Microwave oven
- Refrigerator

ELECTRICAL

- Rated Current: 10A for Tin plated version; 16A for Silver plated version
- Rated Voltage: 250V AC
- Insulation Resistance: 5000M Ω
- Dielectric Strength: 3000V/m

MATERIALS

- Housing: Meets Thermoplastic UL 94 V0 and IEC 60335-1
- Contact: Copper Alloy, Tin or Silver plating over Nickel

STANDARDS AND SPECIFICATIONS

- According to RAST 5 Specification
- Product Specification: 108-106080

SAMPLES NOW AVAILABLE

te.com/products/RAST5t



PRODUCT OFFERING

Part Number Ordering: Example for X-1971845-Y

-3

Substitute dash number listed for "Y", therefore a -3 signifies PN 1971845-3.

1- -3

Substitute first number for "X" and second number listed for "Y", therefore a 1- -3 signifies PN 1-1971845-3.

* Follow same numbering scheme throughout for other part numbers listed.

External Locking - Fully Loaded

| TIN PLATED | | | | | | | |
|-------------|-------|-------|-------|-------|-------|-------|-------|
| No. of Pos. | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| X-1971845-Y | -2 | -3 | -4 | -5 | -6 | -7 | -8 |
| | 1- -2 | 1- -3 | 1- -4 | 1- -5 | 1- -6 | 1- -7 | 1- -8 |
| | 2- -2 | 2- -3 | 2- -4 | 2- -5 | 2- -6 | 2- -7 | 2- -8 |
| | 3- -2 | 3- -3 | 3- -4 | 3- -5 | 3- -6 | 3- -7 | 3- -8 |
| | 4- -2 | 4- -3 | 4- -4 | 4- -5 | 4- -6 | 4- -7 | 4- -8 |
| | 5- -2 | 5- -3 | 5- -4 | 5- -5 | 5- -6 | 5- -7 | 5- -8 |
| | 6- -2 | 6- -3 | 6- -4 | 6- -5 | 6- -6 | 6- -7 | |
| | 7- -2 | 7- -3 | 7- -4 | 7- -5 | 7- -6 | 7- -7 | |
| | 8- -2 | 8- -3 | 8- -4 | 8- -5 | 8- -6 | | |
| X-1971895-Y | 9- -2 | 9- -3 | 9- -4 | 9- -5 | 9- -6 | | |
| | -2 | -3 | -4 | | | | |
| | 1- -2 | | 1- -4 | | | | |
| | 2- -2 | | 2- -4 | | | | |
| | | | 3- -4 | | | | |
| | | | 4- -4 | | | | |

| SILVER PLATED | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|
| No. of Pos. | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| X-1971846-Y | -2 | -3 | -4 | -5 | -6 | -7 | -8 |
| | 1- -2 | 1- -3 | 1- -4 | 1- -5 | 1- -6 | 1- -7 | 1- -8 |
| | 2- -2 | 2- -3 | 2- -4 | 2- -5 | 2- -6 | 2- -7 | 2- -8 |
| | 3- -2 | 3- -3 | 3- -4 | 3- -5 | 3- -6 | 3- -7 | 3- -8 |
| | 4- -2 | 4- -3 | 4- -4 | 4- -5 | 4- -6 | 4- -7 | 4- -8 |
| | 5- -2 | 5- -3 | 5- -4 | 5- -5 | 5- -6 | 5- -7 | 5- -8 |
| | 6- -2 | 6- -3 | 6- -4 | 6- -5 | 6- -6 | 6- -7 | |
| | 7- -2 | 7- -3 | 7- -4 | 7- -5 | 7- -6 | 7- -7 | |
| | 8- -2 | 8- -3 | 8- -4 | 8- -5 | 8- -6 | | |
| X-1971896-Y | 9- -2 | 9- -3 | 9- -4 | 9- -5 | 9- -6 | | |
| | -2 | -3 | -4 | | | | |
| | 1- -2 | | 1- -4 | | | | |
| | 2- -2 | | 2- -4 | | | | |
| | | | 3- -4 | | | | |
| | | | 4- -4 | | | | |

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