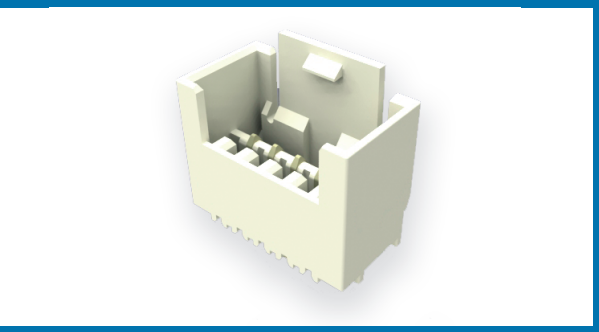


# Introducing
## PCB Connector that Meets RAST 2.5 Standard

PCB Connector that Meets RAST 2.5 Standard with Vertical Through Hole Technology, available with tin or silver plating, external or internal locking.

### KEY FEATURES

- Designed to the RAST 2.5 Standard
- Tin / Silver plating
- 3-15 positions
- Available in multiple colors
- Internal and external locking
- 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: 2A for Tin plated version; 6A for silver plated version
- Rated Voltage: 50V for fully loaded version; 250V for selectively loaded version
- Insulation Resistance: 5000M Ω
- Dielectric Strength: 1500V/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 2.5 Specification
- Product Specification: 108-106079

**SAMPLES NOW AVAILABLE**

**te.com/products/RAST25t**

TE connectivity

7-1773465-3 CS 11/2012

© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.
TE Connectivity and the TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

USA: 1-800-522-6752
Canada: +1-905-475-6222
Mexico: +52 (0) 55-1106-0800

Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666

France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

## PRODUCT OFFERING

**Part Number Ordering: Example for X-1971817-Y**

**-3**
Substitute dash number listed for "Y", therefore a -3 signifies PN 1971817-3.

**1- -3**
Substitue first number for "X" and second number listed for "Y", therefore a 1- -3 signifies PN 1-1971817-3.

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

## External Locking - Fully Loaded

**TIN PLATED**

| No. of Pos. | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1- -3 | 8- -3 | 1- -4 | 1- -5 | 1- -6 | 1- -7 | 1- -8 | 1- -9 | 1- -0 | | 1- -1 | 1- -2 | 1- -3 | 1- -4 | 1- -5 |
| | 2- -3 | 9- -3 | 2- -4 | 2- -5 | 2- -6 | 2- -7 | 2- -8 | 2- -9 | 2- -0 | | 2- -1 | 2- -2 | | | 2- -5 |
| | 3- -3 | -3 | 3- -4 | 3- -5 | 3- -6 | 3- -7 | 3- -8 | 3- -9 | 3- -0 | | | | | | 3- -5 |
| X-1971817-Y | 4- -3 | | 4- -4 | 4- -5 | 4- -6 | 4- -7 | | 4- -9 | | X-1971818-Y | | | | | |
| | 5- -3 | | 5- -4 | | | 5- -7 | | 5- -9 | | | | | | | |
| | 6- -3 | | 6- -4 | | | 6- -7 | | 6- -9 | | | | | | | |
| | 7- -3 | | | | | 7- -7 | | | | | | | | | |

**Ag PLATED**

| No. of Pos. | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1- -3 | 8- -3 | 1- -4 | 1- -5 | 1- -6 | 1- -7 | 1- -8 | 1- -9 | 1- -0 | | 1- -1 | 1- -2 | 1- -3 | 1- -4 | 1- -5 |
| | 2- -3 | 9- -3 | 2- -4 | 2- -5 | 2- -6 | 2- -7 | 2- -8 | 2- -9 | 2- -0 | | 2- -1 | 2- -2 | | | 2- -5 |
| | 3- -3 | -3 | 3- -4 | 3- -5 | 3- -6 | 3- -7 | 3- -8 | 3- -9 | 3- -0 | | | | | | 3- -5 |
| X-1971837-Y | 4- -3 | | 4- -4 | 4- -5 | 4- -6 | 4- -7 | | 4- -9 | | X-1971838-Y | | | | | |
| | 5- -3 | | 5- -4 | | | 5- -7 | | 5- -9 | | | | | | | |
| | 6- -3 | | 6- -4 | | | 6- -7 | | 6- -9 | | | | | | | |
| | 7- -3 | | | | | 7- -7 | | | | | | | | | |

## External Locking - Selectively Loaded

**TIN PLATED**

| No. of Pos. | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1- -3 | 8- -3 | | 1- -5 | | 1- -7 | | 1- -9 | | | 1- -1 | | 1- -3 | | 1- -5 |
| | 2- -3 | 9- -3 | | 2- -5 | | 2- -7 | | 2- -9 | | | 2- -1 | | | | 2- -5 |
| | 3- -3 | -3 | | 3- -5 | | 3- -7 | | 3- -9 | | | | | | | 3- -5 |
| X-1971921-Y | 4- -3 | | | 4- -5 | | 4- -7 | | 4- -9 | | X-1971922-Y | | | | | |
| | 5- -3 | | | 5- -5 | | 5- -7 | | 5- -9 | | | | | | | |
| | 6- -3 | | | | | 6- -7 | | | | | | | | | |
| | 7- -3 | | | | | | | | | | | | | | |

**SILVER PLATED**

| No. of Pos. | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1- -3 | 8- -3 | | 1- -5 | | 1- -7 | | 1- -9 | | | 1- -1 | | 1- -3 | | 1- -5 |
| | 2- -3 | 9- -3 | | 2- -5 | | 2- -7 | | 2- -9 | | | 2- -1 | | | | 2- -5 |
| | 3- -3 | -3 | | 3- -5 | | 3- -7 | | 3- -9 | | | | | | | 3- -5 |
| X-1971923-Y | 4- -3 | | | 4- -5 | | 4- -7 | | 4- -9 | | X-1971924-Y | | | | | |
| | 5- -3 | | | 5- -5 | | 5- -7 | | 5- -9 | | | | | | | |
| | 6- -3 | | | | | 6- -7 | | | | | | | | | |
| | 7- -3 | | | | | | | | | | | | | | |

## Internal Locking - Fully Loaded

**TIN PLATED**

| No. of Pos. | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1- -3 | 8- -3 | 1- -4 | 1- -5 | 1- -6 | 1- -7 | 1- -8 | 1- -9 | 1- -0 | | 1- -1 | 1- -2 | 1- -3 | 1- -4 | 1- -5 |
| | 2- -3 | 9- -3 | 2- -4 | 2- -5 | 2- -6 | 2- -7 | 2- -8 | 2- -9 | 2- -0 | | 2- -1 | | | | 2- -5 |
| | 3- -3 | -3 | 3- -4 | 3- -5 | 3- -6 | 3- -7 | 3- -8 | 3- -9 | 3- -0 | | | | | | 3- -5 |
| X-1971819-Y | 4- -3 | | 4- -4 | 4- -5 | 4- -6 | 4- -7 | | 4- -9 | | X-1971820-Y | | | | | |
| | 5- -3 | | 5- -4 | | | 5- -7 | | 5- -9 | | | | | | | |
| | 6- -3 | | | | | 6- -7 | | | | | | | | | |
| | 7- -3 | | | | | | | | | | | | | | |

**SILVER PLATED**

| No. of Pos. | 3 | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1- -3 | 8- -3 | 1- -4 | 1- -5 | 1- -6 | 1- -7 | 1- -8 | 1- -9 | 1- -0 | | 1- -1 | 1- -2 | 1- -3 | 1- -4 | 1- -5 |
| | 2- -3 | 9- -3 | 2- -4 | 2- -5 | 2- -6 | 2- -7 | 2- -8 | 2- -9 | 2- -0 | | 2- -1 | | | | 2- -5 |
| | 3- -3 | -3 | 3- -4 | 3- -5 | 3- -6 | 3- -7 | 3- -8 | 3- -9 | 3- -0 | | | | | | 3- -5 |
| X-1971839-Y | 4- -3 | | 4- -4 | 4- -5 | 4- -6 | 4- -7 | | 4- -9 | | X-1971840-Y | | | | | |
| | 5- -3 | | 5- -4 | | | 5- -7 | | 5- -9 | | | | | | | |
| | 6- -3 | | | | | 6- -7 | | | | | | | | | |
| | 7- -3 | | | | | | | | | | | | | | |

While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

te.com/products/RAST25t



© 2012 Tyco Electronics Corporation, a TE Connectivity Ltd. company. All Rights Reserved.
TE Connectivity and the TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners.

USA: 1-800-522-6752
Canada: +1-905-475-6222
Mexico: +52 (0) 55-1106-0800

Latin/S. America: +54 (0) 11-4733-2200
Germany: +49 (0) 6251-133-1999
UK: +44 (0) 800-267666

France: +33 (0) 1-3420-8686
Netherlands: +31 (0) 73-6246-999
China: +86 (0) 400-820-6015

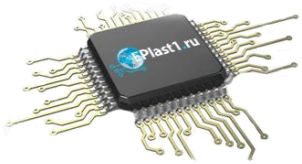
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.




**Как с нами связаться**

**Телефон:** 8 (812) 309 58 32 (многоканальный)
**Факс:** 8 (812) 320-02-42
**Электронная почта:** org@eplast1.ru
**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.