



# 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  $\Omega$
- 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](http://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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[te.com/products/RAST5t](http://te.com/products/RAST5t)

