



HIGH-CURRENT INTERCONNECT (HCI) CONNECTOR SYSTEM

TE Connectivity's (TE) wire-to-board and wire-to-wire high current interconnect (HCI) connector system is available in 4.0mm and 6.2mm centerline pitch. The connector system offers straight connector mounting with through-hole (DIP) PCB termination, and the square-peg technology enables product capability with industry standard products. HCI products can be used anywhere a signal or high power needs to be routed through a device.

APPLICATIONS

- Business and Retail Equipment
 - Business equipment
 - Printers
 - Copiers
- Industrial
 - Robotics
 - Industrial controls
 - Production equipment
- Appliances
 - Refrigerators
 - Air conditioning units
 - Dishwashers

LEARN MORE

• Landing Page

KEY BENEFITS

- · Provides design flexibility
- · Cost effective wire-to-board and wire-to-wire
- Keying ensures proper orientation of parts when assembled
- Enables inter-changeability with industry standard designs

PRODUCT FEATURES

- 4.0mm and 6.2mm centerline
- Straight PCB mount
- Square termination posts
- Reaches up to 20 A
- Through-hole (DIP) available for PCB termination

HIGH-CURRENT INTERCONNECT (HCI) CONNECTOR SYSTEM

PART NUMBERS

HCI 4.0

Туре	AWG 20-16	AWG 26-22		
Socket Contact	<u>2420268-1</u>	2420268-2		

Туре	Color	Positions								
		2	3	4	5	6 (double row)	8 (double row)	10 (double row)	12 (double row)	14 (double row)
Socket Housing	Blue	2420266-2	2420266-3	2420266-4	2420266-5	2420266-6	2420266-8	1-2420266-0	1-2420266-2	1-2420266-4
	Yellow	2-2420266-2	2-2420266-3	-	-	-	-	-	-	-
	Red	-	3-2420266-3	-	-	-	-	-	-	-
Vertical Header	Blue	2423324-2	2423324-3	2423324-4	2423324-5	2423324-6	2423324-8	1-2423324-0	1-2423324-2	1-2423324-4
	Yellow	2-2423324-2	2-2423324-3	-	-	-	-	-	-	-
	Red	-	3-2423324-3	-	-	-	-	-	-	-

HCI 6.2

Туре	AWG 16-14	AWG 12		
Pin Contact	<u>2408841-5</u>	2408841-4		
Socket Contact	2408840-5	2408840-4		

Туре	Color	Positions					
			2	3	4		
Receptacle Housing	White	2408818-1	-	3-2408818-3	3-2408818-4		
	Red	1-2408818-1	6-2408818-2	6-2408818-3	6-2408818-4		
	Blue	<u>5-2408818-1</u>	7-2408818-2	7-2408818-3	7-2408818-4		

Туре	Color	Positions							
		1	2 (Inner Lock)	2 (Outer Lock)	3 (Inner Lock)	3 (Outer Lock)	4		
	White	2408780-1	2408780-2	3-2408780-2	2408780-3	3-2408780-3	3-2408780-4		
Plug Housing	Red	1-2408780-1	1-2408780-2	6-2408780-2	1-2408780-3	-	6-2408780-4		
	Blue	<u>5-2408780-1</u>	<u>5-2408780-2</u>	<u>7-2408780-2</u>	<u>5-2408780-3</u>	<u>7-2408780-3</u>	<u>7-2408780-4</u>		

te.com

TE Connectivity, TE and TE connectivity (logo) are trademarks owned or licensed by the TE Connectivity Ltd. family of companies. All other logos, products and/or company names referred to herein might be trademarks of their respective owners.

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.

© 2023 TE Connectivity. All Rights Reserved.

10/23

