



# 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

## 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

## LEARN MORE

- [Landing Page](#)

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## PART NUMBERS

### HCI 4.0

Type	AWG 20-16	AWG 26-22
Socket Contact	<a href="#">2420268-1</a>	<a href="#">2420268-2</a>

Type	Color	Positions								
		2	3	4	5	6 (double row)	8 (double row)	10 (double row)	12 (double row)	14 (double row)
Socket Housing	Blue	<a href="#">2420266-2</a>	<a href="#">2420266-3</a>	<a href="#">2420266-4</a>	<a href="#">2420266-5</a>	<a href="#">2420266-6</a>	<a href="#">2420266-8</a>	<a href="#">1-2420266-0</a>	<a href="#">1-2420266-2</a>	<a href="#">1-2420266-4</a>
	Yellow	<a href="#">2-2420266-2</a>	<a href="#">2-2420266-3</a>	-	-	-	-	-	-	-
	Red	-	<a href="#">3-2420266-3</a>	-	-	-	-	-	-	-
Vertical Header	Blue	<a href="#">2423324-2</a>	<a href="#">2423324-3</a>	<a href="#">2423324-4</a>	<a href="#">2423324-5</a>	<a href="#">2423324-6</a>	<a href="#">2423324-8</a>	<a href="#">1-2423324-0</a>	<a href="#">1-2423324-2</a>	<a href="#">1-2423324-4</a>
	Yellow	<a href="#">2-2423324-2</a>	<a href="#">2-2423324-3</a>	-	-	-	-	-	-	-
	Red	-	<a href="#">3-2423324-3</a>	-	-	-	-	-	-	-

### HCI 6.2

Type	AWG 16-14	AWG 12
Pin Contact	<a href="#">2408841-5</a>	<a href="#">2408841-4</a>
Socket Contact	<a href="#">2408840-5</a>	<a href="#">2408840-4</a>

Type	Color	Positions			
		1	2	3	4
Receptacle Housing	White	<a href="#">2408818-1</a>	-	<a href="#">3-2408818-3</a>	<a href="#">3-2408818-4</a>
	Red	<a href="#">1-2408818-1</a>	<a href="#">6-2408818-2</a>	<a href="#">6-2408818-3</a>	<a href="#">6-2408818-4</a>
	Blue	<a href="#">5-2408818-1</a>	<a href="#">7-2408818-2</a>	<a href="#">7-2408818-3</a>	<a href="#">7-2408818-4</a>

Type	Color	Positions					
		1	2 (Inner Lock)	2 (Outer Lock)	3 (Inner Lock)	3 (Outer Lock)	4
Plug Housing	White	<a href="#">2408780-1</a>	<a href="#">2408780-2</a>	<a href="#">3-2408780-2</a>	<a href="#">2408780-3</a>	<a href="#">3-2408780-3</a>	<a href="#">3-2408780-4</a>
	Red	<a href="#">1-2408780-1</a>	<a href="#">1-2408780-2</a>	<a href="#">6-2408780-2</a>	<a href="#">1-2408780-3</a>	-	<a href="#">6-2408780-4</a>
	Blue	<a href="#">5-2408780-1</a>	<a href="#">5-2408780-2</a>	<a href="#">7-2408780-2</a>	<a href="#">5-2408780-3</a>	<a href="#">7-2408780-3</a>	<a href="#">7-2408780-4</a>

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