

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

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- Landing Page

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PART NUMBERS

HCI 4.0

Type	AWG 20-16	AWG 26-22
Socket Contact	2420268-1	2420268-2

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	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

Type	AWG 16-14	AWG 12
Pin Contact	2408841-5	2408841-4
Socket Contact	2408840-5	2408840-4

Type	Color	Positions			
		1	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	5-2408818-1	7-2408818-2	7-2408818-3	7-2408818-4

Type	Color	Positions					
		1	2 (Inner Lock)	2 (Outer Lock)	3 (Inner Lock)	3 (Outer Lock)	4
Plug Housing	White	2408780-1	2408780-2	3-2408780-2	2408780-3	3-2408780-3	3-2408780-4
	Red	1-2408780-1	1-2408780-2	6-2408780-2	1-2408780-3	-	6-2408780-4
	Blue	5-2408780-1	5-2408780-2	7-2408780-2	5-2408780-3	7-2408780-3	7-2408780-4

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