

# HIGH POWER PIN & SOCKET PORTFOLIO

ICCON BLOCK & ICCON INSERT PRODUCTS



# High Power Pin & Socket Portfolio

## OVERVIEW

Our new ICCON Block and ICCON Insert high power pin and socket products can offer flexible design options and a floating feature for easy installation for applications up to 350A. Easy installation is enabled by an optional floating feature on our ICCON Insert products that allows for +/- 1mm radial misalignment when mating two printed circuit boards (PCBs) or busbars. Flexible design options in various mounting types that can fit different assembly process requirements, standard pin sizes which can support 30A to 350A of power, and different lengths of power pins for customizable stack height options. By using our proven CROWN BAND Plus socket design in all sizes, this portfolio can provide low contact resistance and low power loss.



## BENEFITS

- Easy installation
- Flexible design options
- High power efficiency

## APPLICATIONS

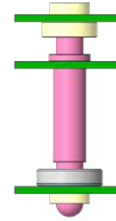
- Switches
- Servers
- Storage devices
- Wireless
- Industrial
- Test & Measurement

## Application Examples

### Board-to-Board



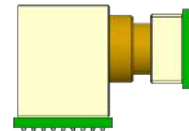
ICCON Insert (Mezzanine)



ICCON Insert 3-Piece (Mezzanine)



ICCON Block (Mezzanine)



ICCON Block (Right Angle)

### Board-to-Busbar



ICCON Insert (Mezzanine)

## High Power Pin & Socket Portfolio

### ICCON Insert Pin & Socket Products

#### FEATURES

- Optional floating feature can provide +/- 1mm floating in radial direction
- Current capacity up to 350A
- Pin sizes: 3.6mm/70A, 6mm/120A, 8mm/200A, 10.3mm/350A
- Various mounting types available:
  - SMT supports different board mounting stack heights (PCB applications)
  - Press-fit supports busbar applications
- Flexible stack heights with no additional tooling needed



#### PART INFORMATION

TE Part Number	Product Type	Pin Size	Mounting Type	Application Type	Floating Feature
<a href="#">2361483-1</a>	Socket	8mm	SMT	Board-to-Board	Yes
<a href="#">2361493-1</a>	Pin	8mm	Screw	Board-to-Board	--
<a href="#">1-2361483-1</a>	Socket	8mm	Press Fit for busbar	Board-to-Busbar	Yes
<a href="#">2361493-2</a>	Pin	8mm	Screw	Board-to-Busbar	--
<a href="#">2361371-1</a>	Socket	8mm	SMT	3-Piece Board-to-Board	No
<a href="#">2361417-1</a>	Pin	8mm	Screw	3-Piece Board-to-Board	--
<a href="#">2361369-1</a>	Socket	8mm	SMT	3-Piece Board-to-Board	Yes

### ICCON Block Pin & Socket Products

#### FEATURES

- Current capacity up to 350A
- Can fit different stack heights
- Use upgraded high performance Crown Band Plus contacts
- Right-angle and vertical PCB mount orientation for board-to-board applications
- Mounting type: press fit
- Pin sizes: 3.6mm/70A, 6mm/120A, 8mm/200A, 10.3mm/350A



#### ORDERING INFORMATION

TE Part Number	Product Type	Pin Size	Mounting Orientation
<a href="#">2358715-1</a>	Socket	10.3mm	Right angle
<a href="#">2358714-1</a>	Pin	10.3mm	--
<a href="#">2368390-1</a>	Socket	10.3mm	Vertical

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## Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need. Visit [te.com/support](https://te.com/support) to chat with a TE Solution Consultant.

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