



(0.80 mm) .0315"



HSEC8-PV SERIES

# POWER/HIGH-SPEED EDGE CARD COMBO

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?HSEC8-PV](http://www.samtec.com?HSEC8-PV)

- Insulator Material:** Black Liquid Crystal Polymer
- Signal Contact:** BeCu
- Power Contact:** Phosphor Bronze
- Plating:** Au or Sn over 50 μm (1.27 μm) Ni
- Operating Temp:** -55 °C to +125 °C
- RoHS Compliant:** Yes

## PROCESSING

**Lead-Free Solderable:** Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



**Mates with:**  
(1.60 mm) .062" thick card

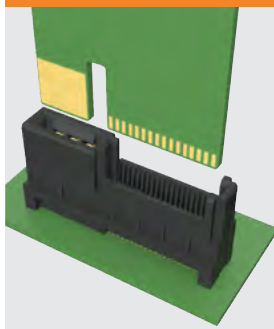
Rated up to 60 A per power bank

1 or 2 banks,  
2 or 4 positions



Mates with (1.60 mm) .062" card

## APPLICATION



**20, 30, 40**  
(Signal positions per row)

**-01**  
= (1.60 mm) .062" Thick Card

**-L**  
= 10 μm (0.25 μm) Gold on contact, Matte Tin on tail

**-2, -4**  
(Total, 2 per power bank)

**1**  
= Use with (1.60 mm) .062" Thick PCB

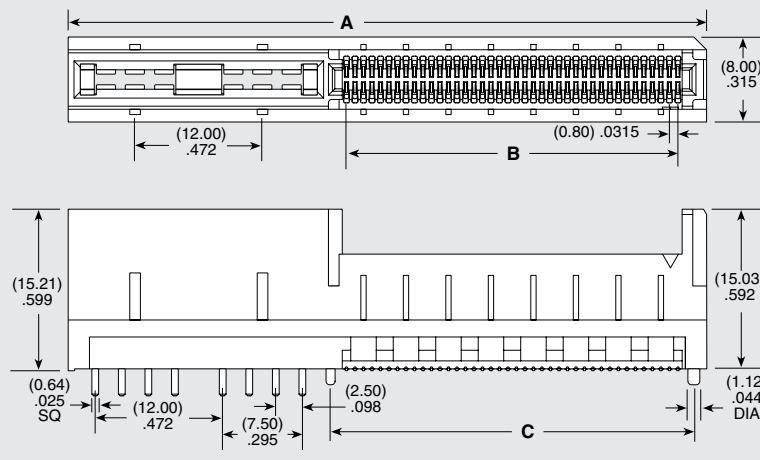
**-WT**  
= Weld Tab

**-S**  
= 30 μm (0.76 μm) Gold on contact, Matte Tin on tail

**-2**  
= Use with (2.36 mm) .093" Thick PCB

| SIGNAL POSITIONS | POWER POSITIONS  |                  |                  |                  |                  |                  |
|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                  | A (-2)           | B (-2)           | C (-2)           | A (-4)           | B (-4)           | C (-4)           |
| -20              | (32.10)<br>1.264 | (15.20)<br>.598  | (18.20)<br>.717  | (44.10)<br>1.736 | (15.20)<br>.598  | (18.20)<br>.717  |
| -30              | (40.10)<br>1.579 | (23.20)<br>.913  | (26.20)<br>1.031 | (52.10)<br>2.051 | (23.20)<br>.913  | (26.20)<br>1.031 |
| -40              | (48.10)<br>1.894 | (31.20)<br>1.228 | (34.20)<br>1.346 | (60.10)<br>2.366 | (31.20)<br>1.228 | (34.20)<br>1.346 |

| POWER TAIL | D              |
|------------|----------------|
| -1         | (2.35)<br>.093 |
| -2         | (3.13)<br>.123 |



**Note:** Some lengths, styles and options are non-standard, non-returnable.