



HSEC8-120-01-L-DV-A-PE



HSEC8-110-01-L-DV-A-PE

(0.80 mm) .0315"

HSEC8-PE SERIES

# PASS-THROUGH EDGE RATE® CARD SOCKET

## SPECIFICATIONS

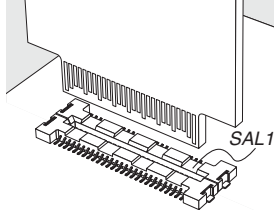
For complete specifications and recommended PCB layouts see [www.samtec.com?HSEC8](http://www.samtec.com?HSEC8)

**Insulator Material:**  
Black Liquid Crystal Polymer  
**Contact:**  
BeCu  
**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  
**SMT Lead Coplanarity:**  
(0.10 mm) .004" max (10-20)

## OTHER SOLUTIONS



• Other card pass-through options. See SAL1 Series.

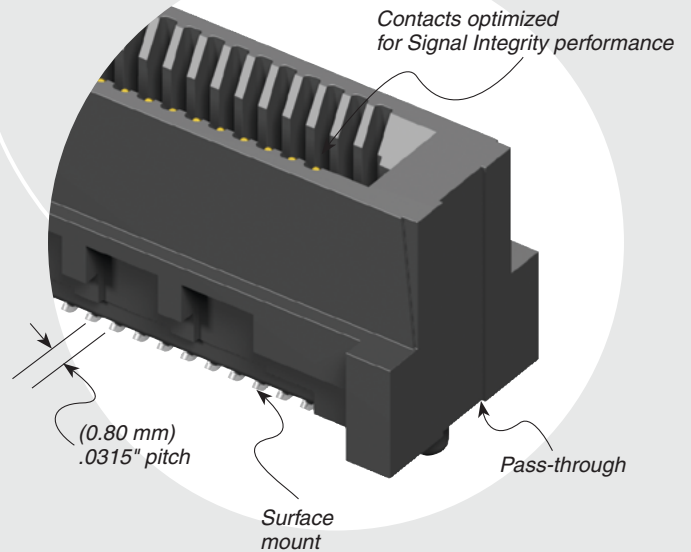
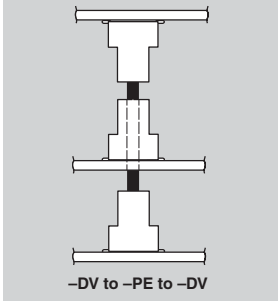
## ALSO AVAILABLE (MOQ Required)

• Other platings

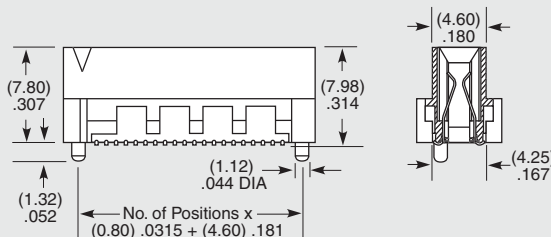
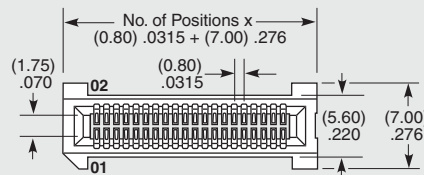
Mates with:  
(1.60 mm) .062" thick card, HSC8



## BOARD-TO-BOARD APPLICATIONS



<b>HSEC8</b>	<b>1</b>	<b>POSITIONS PER ROW</b>	<b>CARD THICKNESS</b>	<b>PLATING OPTION</b>	<b>DV</b>	<b>A</b>	<b>PE</b>	<b>OTHER OPTION</b>
		<b>10, 13, 20</b>	<b>-01</b> = (1.60 mm) .062" thick card	<b>-L</b> = 10 μm (0.25 μm) Gold on contact, Matte Tin on tail <b>-S</b> = 30 μm (0.76 μm) Gold on contact, Matte Tin on tail				<b>-K</b> = (5.50 mm) .217" DIA Polyimide Film Pick & Place Pad <b>-TR</b> = Tape & Reel Packaging



**Notes:**  
While optimized for 50 Ω applications, this connector with alternative signal/ground patterns may also perform well in certain 75 Ω applications.

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

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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