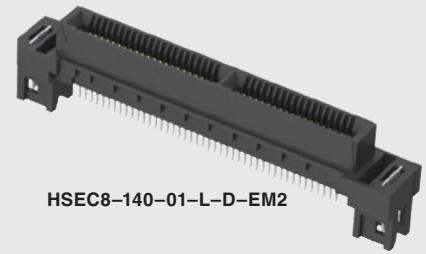




HSEC8-130-01-S-D-EM2



HSEC8-140-01-L-D-EM2

**HSEC8-EM SERIES**

**(0.80 mm) .0315"**

# EDGE MOUNT EDGE RATE® CARD SOCKET

## SPECIFICATIONS

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

**Insulator Material:**  
Liquid Crystal Polymer

**Contact:**  
BeCu

**Plating:**  
Au or Sn over

50 μm (1.27 μm) Ni

**Operating Temp:**  
-55 °C to +125 °C

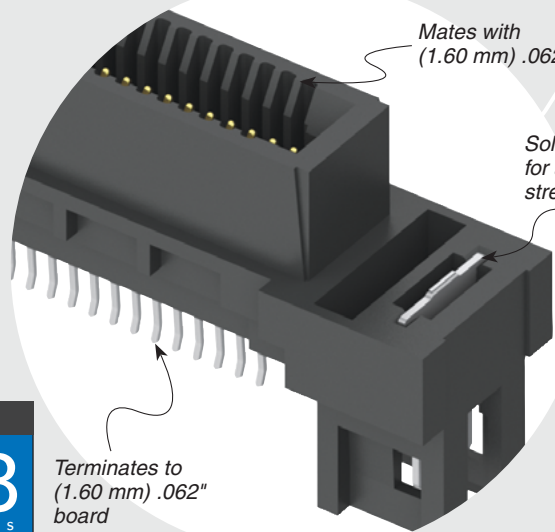
**Lead-Free Solderable:**  
Yes

**RoHS Compliant:**  
Yes

Yes

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

**Cable Mates:**  
ECDP



Mates with (1.60 mm) .062" cards

Solder Tab for added strength

Terminates to (1.60 mm) .062" board

## RECOGNITIONS

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



## HIGH-SPEED CHANNEL PERFORMANCE

HSEC8-EM

Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**28**  
Gbps

## ALSO AVAILABLE (MOQ Required)

- Other platings



**10, 20, 30, 40, 50, 60**

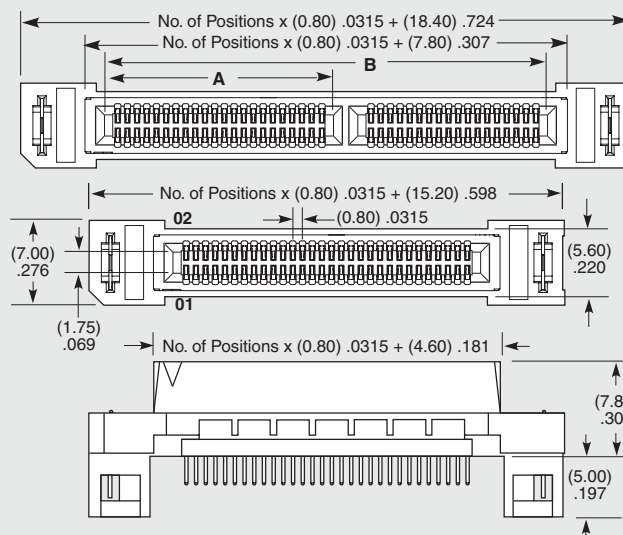
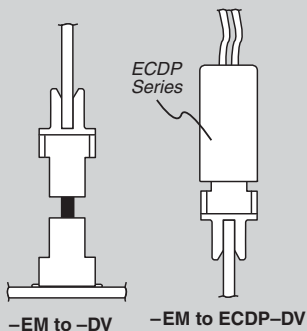
POSITIONS PER ROW	A	B
40	(18.90) .744	(36.60) 1.441
50	(22.90) .902	(44.60) 1.756
60	(26.90) 1.059	(52.60) 2.071

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

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

**-EM2**  
= (1.60 mm) .062" thick PCB

## APPLICATIONS



## OTHER SOLUTIONS

Polarized mates for ECDP Series twinax cables

CONNECTOR	CABLE
HSEC8-113	ECDP-08
HSEC8-125	ECDP-16
HSEC8-137	ECDP-24
HSEC8-149	ECDP-32

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

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.