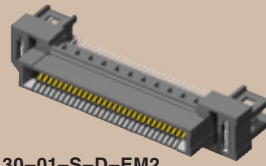


DEC8-140-01-S



HSEC8-130-01-S-D-EM2

# 0,80mm CARD SOCKETS HSEC8-EM, DEC8 SERIES

## 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 50µ" (1,27µm) Ni  
**Current Rating:** 3.1A @ 30°C Temperature Rise  
**Operating Temp:** -55°C to +125°C  
**Card Insertion Depth:** (3,15mm) .125" nominal  
**Max Processing Temp:** 230°C for 60 seconds, or 260°C for 20 seconds 3x  
**Lead-Free Solderable:** Yes  
**RoHS Compliant:** Yes  
**Note:** Requires PCB thickness of (1,60mm) .062" ±(0,08mm) .003"



**HSEC8** - **1**

**POSITIONS PER ROW** - **01**

**PLATING OPTION** - **D**

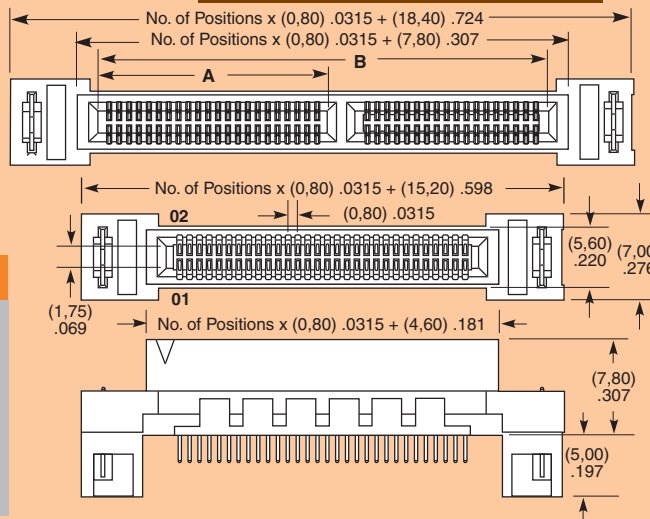
**EM2**

Mates with: (1,60mm) 0.62" thick cards, EEDP, HSC8

10, 20, 30, 40, 50, 60

**-S**  
= 30µ" (0,76µm) Gold on contact, Matte Tin on tail

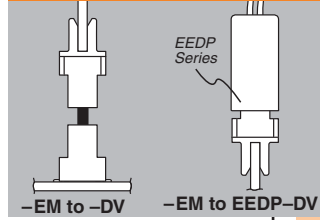
**-EM2**  
= (1,60mm) .062" thick PCB



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



## APPLICATIONS



## ALSO AVAILABLE

Polarized mates for EEDP Series twinax cables

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

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?DEC8](http://www.samtec.com?DEC8)

**Insulator Material:** Black ABS  
**Contact:** BeCu  
**Plating:** Au or Sn over 50µ" (1,27µm) Ni  
**Current Rating:** 3.1A @ 95°C relative to 125°C  
**Operating Temp:** -55°C to +125°C  
**RoHS Compliant:** Yes



**DEC8** - **1**

**POSITIONS PER ROW** - **01**

**LEAD STYLE** - **-01**

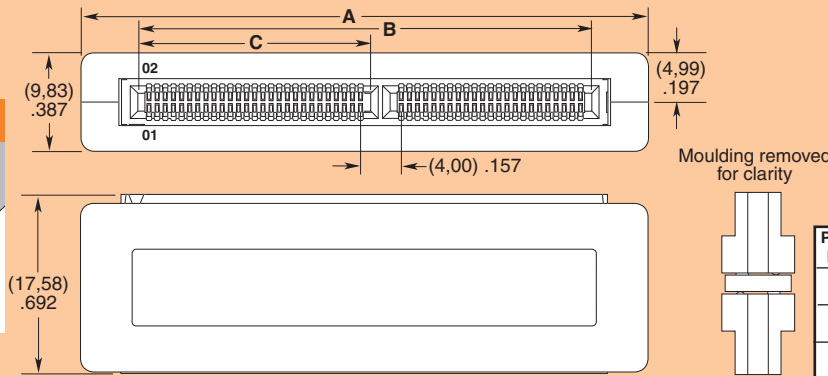
**PLATING** - **-S**

Mates with: (1,60mm) .062" thick cards, HSC8

40, 50, 60

**-01**  
= (1,60) .062" Card Thickness

**-S**  
= 30µ" (0,76µm) Gold on contact

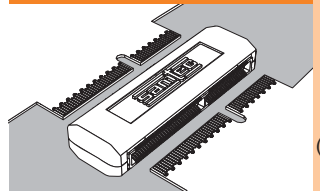


**Note:** Other Gold plating options available. Contact Samtec.



POSITIONS PER ROW	A	B	C
40	(47,75) 1.880	(36,60) 1.441	(18,90) .744
50	(55,75) 2.195	(44,60) 1.756	(22,91) .902
60	(63,75) 2.510	(52,60) 2.071	(26,90) 1.059

## APPLICATIONS



**Note:** 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.

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