



(0,80 mm) .0315"

HSEC8-EM, DEC8 SERIES

HSEC8-130-01-L-D-EM2

DEC8-160-01-S

EDGE MOUNT EDGE RATE™ CARD SOCKET

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HSEC8-EM

Insulator Material:

Liquid Crystal Polymer

Contact:

BeCu

Plating:

Au or Sn over 50µ" (1,27 µm) Ni

Current Rating:

1.9A per contact

@ 30°C Temperature Rise

(See website for details)

Operating Temp:

-55°C to +125°C

Card Insertion Depth:

(3,15 mm) .125" nominal

Lead-Free Solderable:

Yes

RoHS Compliant:

Yes



HSEC8

1

POSITIONS
PER ROW

01

PLATING
OPTION

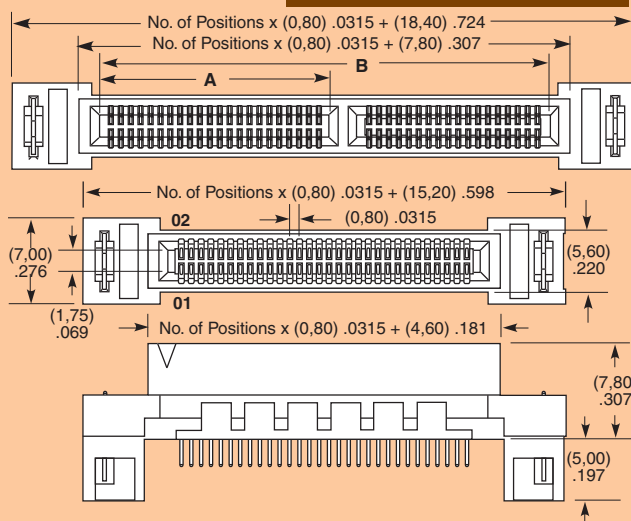
D

EM2

Mates with:

(1,60 mm) .062" thick cards, ECDP, HSC8

10, 20, 30, 40, 50, 60



-L

= 10µ" (0,25 µm)
Gold on contact,
Matte Tin on tail

Note: Other Gold plating options available. Contact Samtec.

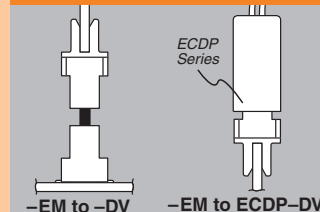
POSITIONS PER ROW	A	B
40	(18,90) .744	(36,60) 1.441
50	(22,90) .902	(44,60) 1.756
60	(26,90) 1.059	(52,60) 2.071

ALSO AVAILABLE

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

APPLICATIONS



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

Note: Requires PCB thickness of (1,60 mm) .062" ±(0,08 mm) .003"

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?DEC8

Insulator Material:

Black ABS

Contact:

BeCu

Plating:

Au over 50µ" (1,27 µm) Ni

Current Rating:

3.1A per contact @ 95°C

(See website for details)

Operating Temp:

-55°C to +125°C

RoHS Compliant:

Yes



DEC8

1

POSITIONS
PER ROW

01

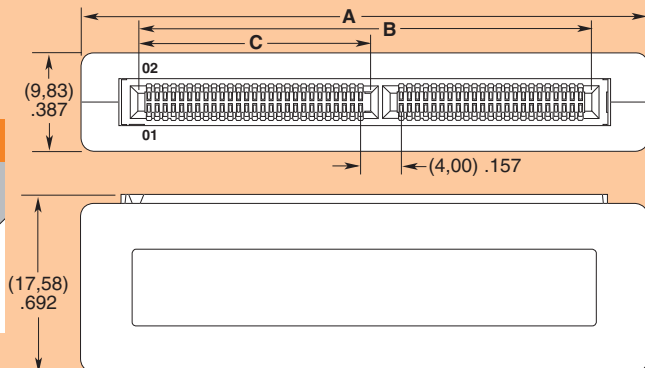
LEAD
STYLE

PLATING

Mates with:

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

40, 50, 60



-01

= (1,60 mm) .062"
Card Thickness

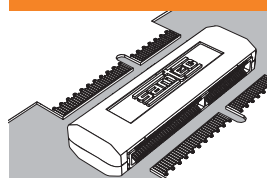
-S

= 30µ" (0,76 µm)
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.

WWW.SAMTEC.COM

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