



(0,80mm) .0315" **HSEC8-DV SERIES**

VERTICAL EDGE RATE™ CARD SOCKET

- SAMTEC Board lock option
- · Latch option

SPECIFICATIONS

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

Insulator Material: Black Liquid Crystal Polymer Contact: ReCu.

Plating: Au or Sn over 50μ" (1,27µm) Ni **Current Rating:** 3.1A @ 30°C Temperature Rise (See website for details)

Operating Temp: Card Insertion Depth: (3,15mm) .125" nominal **RoHS Compliant:**

Processing:

Lead-Free Solderable:

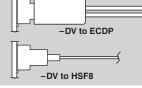
SMT Lead Coplanarity: (0,10mm) .004" max (10-60)



APPLICATIONS

BOARD-TO-BOARD

HIGH SPEED CABLE & **FLEX APPLICATIONS**



STANDARD & CUSTOM CARDS AVAILABLE

- Standard high speed interface cards for 19mm, 25mm & 30mm mated heights, single-ended & differential applications. See HSC8 Series.
- Custom cards for low-cost stack height customization
- · Samtec supplied card layout/artwork to make your own
- cards Specialty card

APPLICATION

Guide rails and pass-through options. Call Samtec.

SPECIFIC OPTION

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

POSITIONS HSEC8 PER ROW

CARD THICKNESS

-01

OPTION

PLATING

OTHER OPTION

(5,50mm) .217" DIA

Polyimide Film Pick & Place Pad

–TR

= Tape & Reel

Packaging

-L1 = Latching Option (For use with ECDP.)

(13, 25, 37, 49 only)

-BL

Board Locks (40, 50, 60 only) Other sizes available

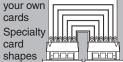
Contact Samtec.)

_WT

= Weld tab

10, 13, 20, 25, 30, 37, 40, 49, 50, 60

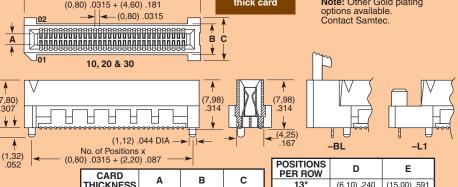




-03 (2,36mm) .093' thick card No. of Positions x —— (0,80) .0315 + (4,60) .181 → (0,80) .0315 В 10, 20 & 30 (7,80) .307



Note: Other Gold plating options available.



(6,10) .240 (15,00) .591 THICKNESS 13* (1,75) .070 (5,60) .220 (7,00) .276 25 (6,10) .240 (24,60) .969 37* (18,10) .713 (34,20) 1.346 (2,54) .100 (6,39) .252 (7,79) .307 -03 (18,90) .744 (36,60) 1.441 40 No. of Positions x (0,80) .0315 + (7,80) .307 49 (22,90) .902 (43,80) 1.724 (22,90) .902 (44,60) 1.756 50 60 (26,90) 1.059 (52,60) 2.071

Positions where no dimensions are given do not have keying feature. *Mates with ECDP Series.

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

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

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