

0,80mm HI-SPEED SOCKET HSEC8 SERIES

SPECIFICATIONS

For complete specifications see www.samtec.com?HSEC8

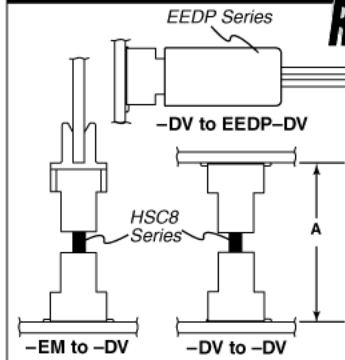
Insulator Material: Black Liquid Crystal Polymer
Contact: BeCu
Plating: Au or Sn over 50µ" (1,27µm) Ni
Current Rating: 3.1A @ 30°C Temperature Rise
Operating Temp: -55°C to +125°C
Card Insertion Depth: (3,15mm) .125" nominal

Mates with:
1,6mm thick cards,
HSC8, EEDP

Mates with Samtec
High Speed Jump Cards
(HSC8 Series)

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

APPLICATIONS



HSEC8 CARD STYLE	A
-01	(25,00) .984
-02	(26,54) 1.05

Edge Mount and Vertical Surface Mount available

ALSO AVAILABLE

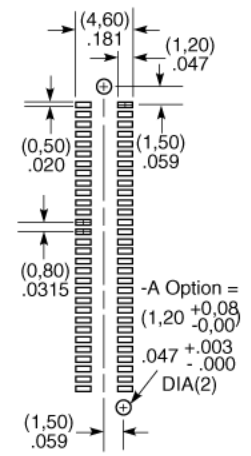
Polarized mates for EEDP Series twin-ax Cables

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

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

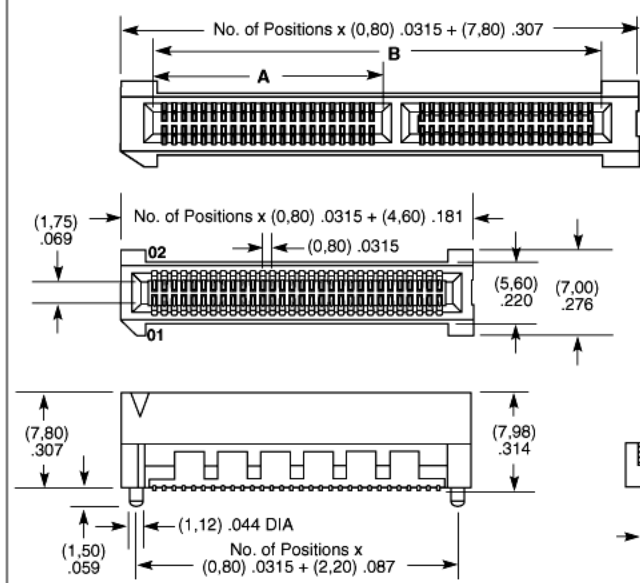
Processing:

Max Processing Temp: 230°C for 60 seconds, or 260°C for 20 seconds 3x with Matte Sn plating
Lead-Free Solderable: Yes, with Matte Sn
SMT Lead Coplanarity: (0,10mm) .004" max (10-60)
Suggested PCB Layouts: For reference only. Please contact Samtec or go to www.samtec.com?HSEC8 for recommended PCB layout.



HSEC8 - 1 NO. OF POSITIONS - CARD THICKNESS - PLATING OPTION - DV - OTHER OPTION

10, 20, 30, 40, 50, 60 **-01 = (1,60mm) .062" thick card** **-S or -SM = 30µ" (0,76µm) Gold on contact, Tin (-S) or Matte Tin (-SM) on tail** **-A = Alignment Pin**
-K = (5,50mm) .217" DIA Polyimide Film Pick & Place Pad
-TR = Tape & Reel Packaging



NO. OF POSITIONS	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

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

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