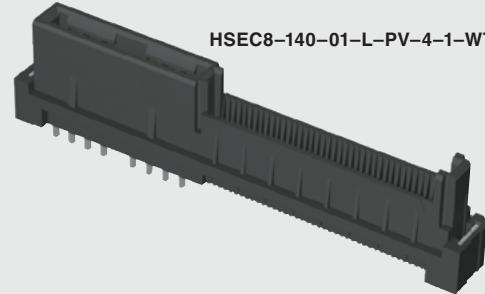
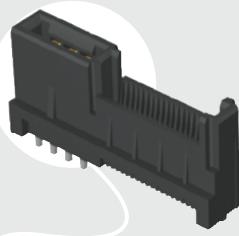




HSEC8-140-01-L-PV-4-1-WT

(0.80 mm) .0315"



HSEC8-120-01-S-PV-2-1

HSEC8-PV SERIES

POWER/HIGH-SPEED EDGE CARD COMBO

SPECIFICATIONS

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

Insulator Material:

Black Liquid Crystal Polymer

Signal Contact:

BeCu

Power Contact:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp:

-55 °C to +125 °C

Current Rating:

Signal Pin: 3.2 A per pin
(2 pins powered)

Power Pin: 27.5 A per pin
(2 pins powered)

RoHS Compliant:

Yes

PROCESSING

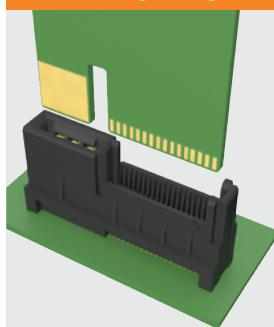
Lead-Free Solderable:
Yes

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



APPLICATION



Mates with:
(1.60 mm) .062" thick card

Rated up to
60 A per
power bank

1 or 2 banks,
2 or 4 positions

EDGE®
RATE
CONTACT

Mates with
(1.60 mm)
.062" card

HIGH-SPEED CHANNEL PERFORMANCE

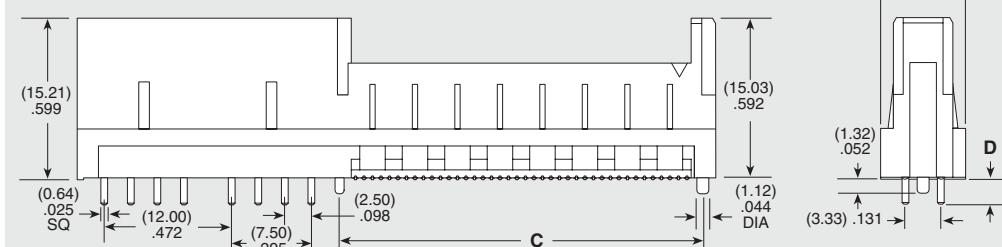
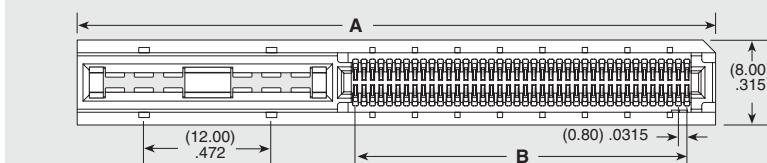
HSEC8-PV

Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com or contact SIG@samtec.com

28
G b p s

HSEC8	-1	SIG POS	CARD THICKNESS	PLATING OPTION	PWR POS	POWER TAIL	OTHER OPTION
			-01 = (1.60 mm) .062" Thick Card	-L = 10 μ " (0.25 μ m) Gold on contact, Matte Tin on tail	-2, -4 (Total, 2 per power bank)	1 = Use with (1.60 mm) .062" Thick PCB	-WT = Weld Tab
		20, 30, 40 (Signal positions per row)		-S = 30 μ " (0.76 μ m) Gold on contact, Matte Tin on tail		-2 = Use with (2.36 mm) .093" Thick PCB	
SIGNAL POSITIONS	POWER POSITIONS						
	A (-2)	B (-2)	C (-2)	A (-4)	B (-4)	C (-4)	
-20	(32.10) 1.264	(15.20) .598	(18.20) .717	(44.10) 1.736	(15.20) .598	(18.20) .717	
-30	(40.10) 1.579	(23.20) .913	(26.20) 1.031	(52.10) 2.051	(23.20) .913	(26.20) 1.031	
-40	(48.10) 1.894	(31.20) 1.228	(34.20) 1.346	(60.10) 2.366	(31.20) 1.228	(34.20) 1.346	

SIGNAL POSITIONS	POWER POSITIONS					
	A (-2)	B (-2)	C (-2)	A (-4)	B (-4)	C (-4)
-20	(32.10) 1.264	(15.20) .598	(18.20) .717	(44.10) 1.736	(15.20) .598	(18.20) .717
-30	(40.10) 1.579	(23.20) .913	(26.20) 1.031	(52.10) 2.051	(23.20) .913	(26.20) 1.031
-40	(48.10) 1.894	(31.20) 1.228	(34.20) 1.346	(60.10) 2.366	(31.20) 1.228	(34.20) 1.346



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

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.