



(0.80 mm) .0315"

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HTEC8

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Plating:

Au or Sn over

50 μm (1.27 μm) Ni

Operating Temp Range:

Testing Now!

Current Rating:

3.0 A per pin

(2 pins powered)

Voltage Rating:

Testing Now!

RoHS Compliant:

Yes

PROCESSING

Lead-Free Solderable:

Yes

SMT Lead Coplanarity:

(0.10 mm) .004" max (20-60)

(0.13 mm) .005" max (80-100)*

*(.004" stencil solution may be available; contact IPG@samtec.com)

RECOGNITIONS

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



FILE NO. E111594

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

Accepts non-chamfered edge cards due to rugged tucked beam technology

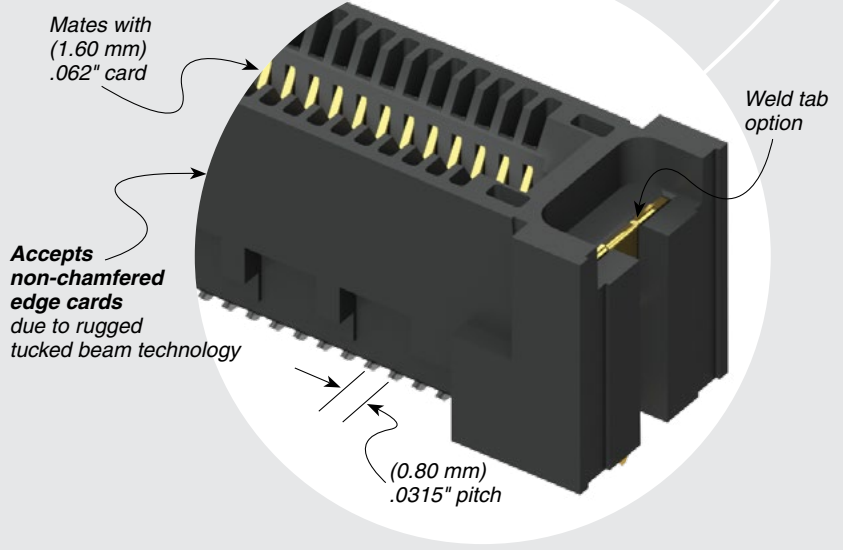
Weld tab option



HTEC8-160-01-S-DV-A

HTEC8-130-01-S-DV-A-WT

HTEC8-120-01-L-DV-A



20, 30, 40, 50, 60, 80, 100

-L
= 10 μm (0.25 μm)
Gold on contact, Matte Tin on tail

-S
= 30 μm (0.76 μm)
Gold on contact, Matte Tin on tail

Leave blank for no Alignment Pin

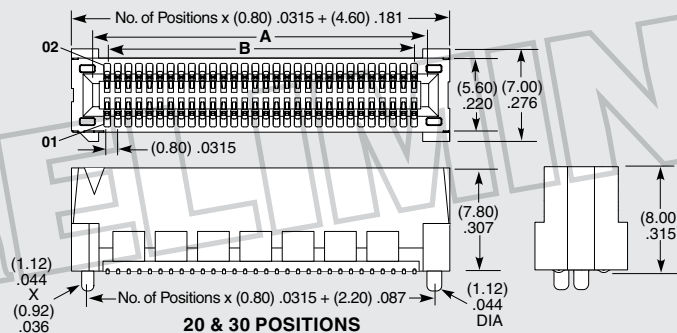
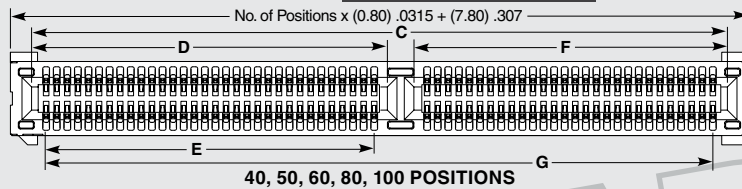
-A
= Alignment Pin

-WT
= Weld Tab (-A option required)

-K
= (7.00 mm) .276" DIA
Polyimide Pick & Place Pad

-TR
= Tape & Reel (-20 thru 60 positions only) (Leave blank for tray)

POSITIONS PER ROW	C	D	E	F	G
40	(36.60) 1.440	(18.90) .744	(16.80) .661	(15.70) .618	(34.40) 1.354
50	(44.60) 1.756	(22.90) .902	(20.80) .819	(19.70) .776	(42.40) 1.669
60	(52.60) 2.071	(26.90) 1.059	(24.80) .976	(23.70) .933	(50.40) 1.984
80	(68.60) 2.701	(26.90) 1.059	(24.80) .976	(39.70) 1.563	(66.40) 2.614
100	(84.60) 3.331	(26.90) 1.059	(24.80) .976	(55.70) 2.193	(82.40) 3.244



POSITIONS PER ROW	A	B
20	(17.40) .685	(15.20) 5.98
30	(25.40) 1.000	(23.20) .913

Notes:
Some sizes, 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.