


SEARAY™.8mm

(0.80 mm) .0315"

SEAM8 SERIES

ULTRA-HIGH DENSITY OPEN-PIN-FIELD

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SEAM8

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

Operating Temp Range:

-55 °C to +125 °C

Current Rating:

1.4 A per pin

(6 adjacent pins powered)

Working Voltage:

220 VAC

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

Board Mates:

SEAF8

Cable Mates:

ESCA

Standoffs:

JSO

**EDGE
RATE**
CONTACT
4, 6, 8 and
10 rows

Up to 500 I/Os

7 mm and 10 mm
stack heightsLead-Free solder
charge terminationsSignal Integrity optimized
Edge Rate® contact

HIGH-SPEED CHANNEL PERFORMANCE

SEAM8/SEAF8 @ 7 mm Mated Stack Height

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

39
Gbps

RECOGNITIONS

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



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Other pin counts
- Contact Samtec.

MATED HEIGHT*

SEAF8 LEAD STYLE	SEAM8 LEAD STYLE	
	-S02.0	-S05.0
-05.0	(7.00) .276	(10.00) .394

*Processing conditions will affect mated height.

NO. OF ROWS	A
-04	(4.30) .169
-06	(6.30) .248
-08	(8.30) .327
-10	(10.30) .406

-10, -20,
-30, -40, -50
(Standard sizes)

-S02.0
= 2 mm
Body
Height

-S05.0
= 5 mm
Body
Height

-S
= 30 μ" (0.76 μm)
Gold on
contact
area,
Matte Tin
on solder
tail

-04
= Four
Rows

-06
= Six
Rows

-08
= Eight
Rows

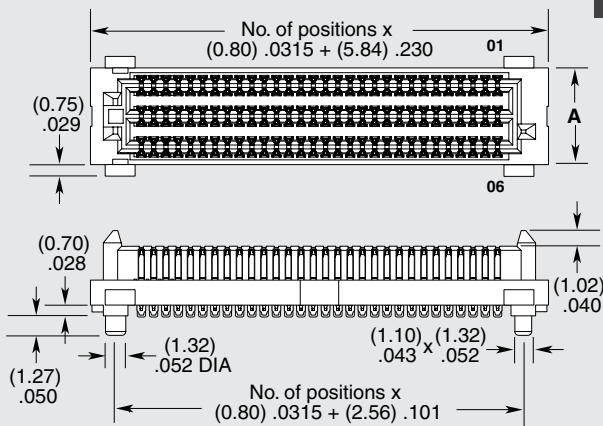
-10
= Ten
Rows

-2
= Lead-Free
Solder
Charge

-GP
= Guide Post
(-S02.0 lead
style only)
(Mates with
SEAF8-RA-GP)

-K
= Polyimide
film Pick &
Place Pad

LEAD STYLE	B
-S02.0	(4.54) .179
-S05.0	(7.54) .297



SEAM8-30-XXX.X-X-06-2 SHOWN

Notes:

Patent Pending

Tape & Reel packaging
is standard.

Some sizes, styles and
options are non-standard,
non-returnable.