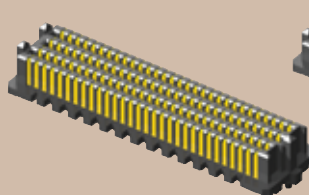


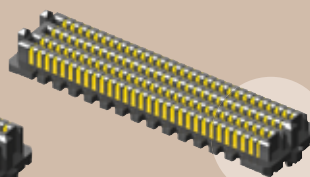


SEARRAY™
OPEN PIN FIELD
INTERCONNECTS

SEAM-20-02.0-S-10-2-A



SEAM-30-03.5-S-08-2-A



SEAM-30-02.0-S-08-2-A

OPEN PIN FIELD ARRAY SEAM SERIES

SPECIFICATIONS

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

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Current Rating:

2.7 A

Operating Temp Range:

-55°C to +125°C

Plating:

Au over 50µ" (1,27µm) Ni

Contact Resistance:

5.5 mΩ

Working Voltage:

240 VAC

Mated Cycles:

100

RoHS Compliant:

Yes

Processing:

Max Processing Temp:

230°C for 60 seconds, or

260°C for 20 seconds 3x

Lead-Free Solderable:

Yes



FILE NO. E111594

Mates with:
SEAF, SADL



SEAM LEAD STYLE	MATED HEIGHTS* SEAF LEAD STYLE		
	-05.0	-06.0	-06.5
-02.0	7mm	8mm	8.5mm
-03.5	8.5mm	9.5mm	10mm
-07.0	12mm	13mm	13.5mm
-09.0	14mm	15mm	15.5mm
-11.0	16mm	17mm	17.5mm

*Processing conditions will affect mated height.

Lead-Free
Solder
Charge
Terminations
(Tin/Lead also
available)

Up to
500 Pins

(1,27mm) .050" pitch

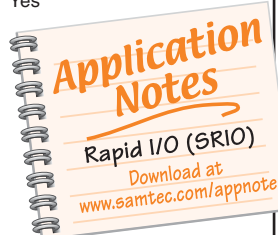
Low Insertion/
Extraction Forces

APPLICATION

-05, -08 and -10 row
footprint compatible
with SamArray®.
Samples recommended.

7mm Stack Height	Rated @ -3dB Insertion Loss
Single-Ended Signaling	5 GHz / 10 Gbps
Differential Pair Signaling	10.5 GHz / 21 Gbps

Performance data for other stack heights
available at www.samtec.com?SEAM

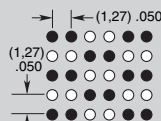


**Application
Notes**

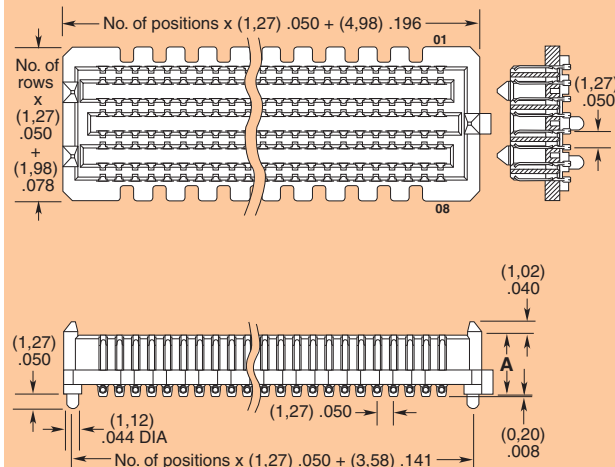
Rapid I/O (SRIO)

Download at
www.samtec.com/apnote

DIFFERENTIAL APPLICATION



ARRAY	PAIR COUNT
50x10	125
50x8	100
40x10	100
40x8	80
40x6	60
30x10	75
30x8	60
30x6	45
20x10	50
20x8	40
20x10	25



SEAM	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	OPTION
		Specify LEAD STYLE from chart				
	-20, -30, -40, -50		-S = 30µ" (0.76µm) Gold on contact area, Matte Tin on solder tail	-04 = Four Rows -05 = Five Rows (Lead Style -02.0 only) -06 = Six Rows (Lead Style -02.0 only) -08 = Eight Rows -10 = Ten Rows	-2 = Lead-Free Tin Alloy 95.5% Sn/ 3.8% Ag/0.7% Cu Solder Charge	-A = Alignment Pins (Recommended Arrays will not self-center on solder pads) -K = Polyimide film Pick & Place Pad -TR = Tape & Reel

No. of positions x (1,27) .050 + (4,98) .196

No. of rows x (1,27) .050 + (1,98) .078

(1,02) .040

LEAD STYLE	A
-02.0	(4,60) .181
-03.5	(6,10) .240
-07.0	(9,60) .378
-09.0	(11,60) .457
-11.0	(13,60) .535

Note: 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.

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