

SEAF8-50-1-S-10-2-RA

SEAF8-30-1-S-10-2-RA-GP

SEAF8-RA SERIES

(0.80 mm) .0315"

HI-DENSITY RIGHT-ANGLE OPEN-PIN-FIELD

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SEAF8-RA

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 A per pin (10 adjacent pins powered)

RoHS Compliant:

Yes

Lead-Free Solderable:

Yes

Board Mates:

SEAM8

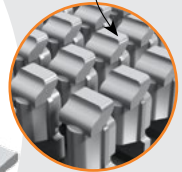
Cable Mates:

ESCA



8 or 10 rows

Lead-Free solder charge terminations



Optional guide post holes

HIGH-SPEED CHANNEL PERFORMANCE

SEAF8-RA/SEAM8-2.0

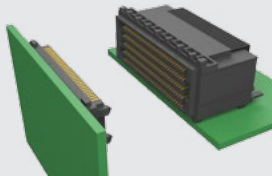
Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

31 Gbps

ALSO AVAILABLE (MOQ Required)

- Other pin counts
 - Other row options
- Contact Samtec.

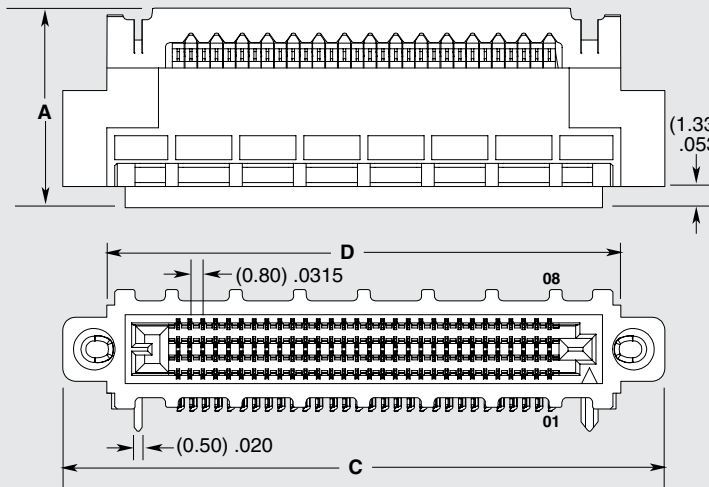
APPLICATION



SEAF8	NO. PINS PER ROW	1	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	RA	OPTION
	-20, -30, -40, -50 (Standard sizes)		-L = 10 μ" (0.25 μm) Gold on contact area, Matte Tin on solder tail -S = 30 μ" (0.76 μm) Gold on contact area, Matte Tin on solder tail	-08 = Eight Rows -10 = Ten Rows	-2 = Lead-Free Solder Charge		-GP = Guide Post Hole

PRELIMINARY -L

NO. OF ROWS	A	B
-08	(16.48) .649	(11.46) .451
-10	(18.48) .728	(13.46) .530



NO. PINS PER ROW	C	D
-20	(29.62) 1.166	(24.12) .950
-30	(37.62) 1.481	(32.12) 1.265
-40	(45.62) 1.796	(40.12) 1.580
-50	(53.62) 2.111	(48.12) 1.894

Notes:

Patent Pending

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.