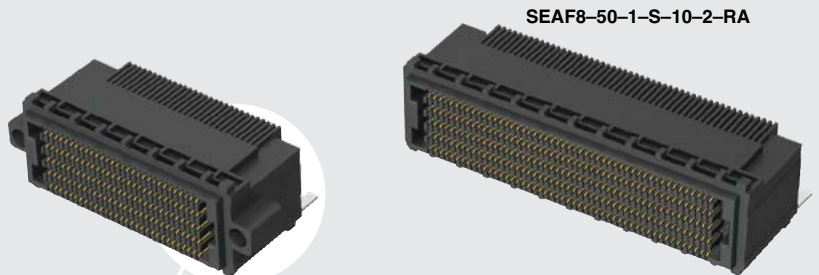




**SEARAY™**.8mm



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](http://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

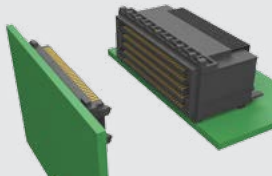
Rating based on Samtec reference channel. For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

**31**  
G b p s

## ALSO AVAILABLE (MOQ Required)

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

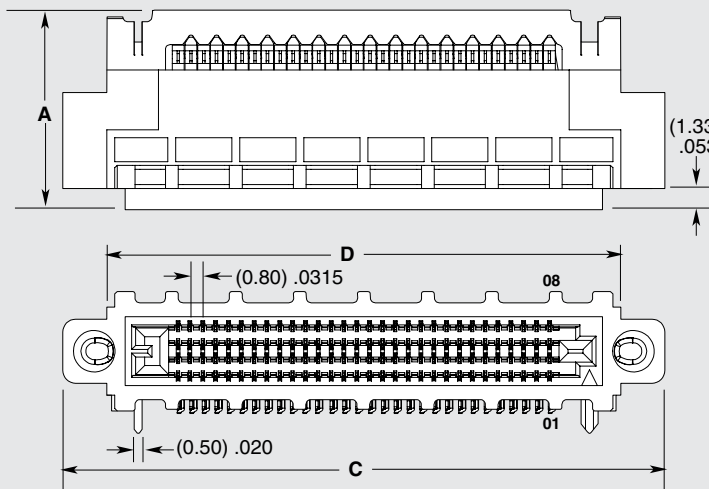
## APPLICATION



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

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](http://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.