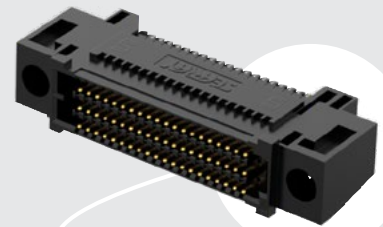




SEAF-20-01-L-04-2-RA-GP-TR



SEAF-20-01-L-06-2-RA-GP-TR

SEAF-RA SERIES

(1.27 mm) .050"

HI-DENSITY RIGHT-ANGLE OPEN-PIN-FIELD

SPECIFICATIONS

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

Insulator Material:

Black LCP

Contact Material:

Copper Alloy

Current Rating:

1.9 A per pin

(10 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Plating:

Au or Sn over

50 μm (1.27 μm) Ni

Working Voltage:

280 VAC

Mated Cycles:

100

RoHS Compliant:

Yes

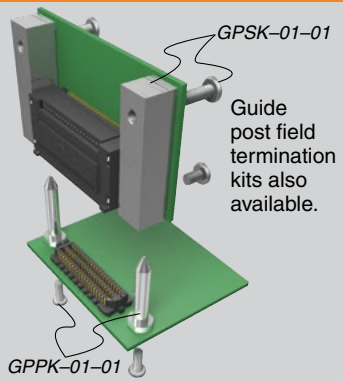
Lead-Free Solderable:

Yes

Board Mates:
SEAM, SEAMP

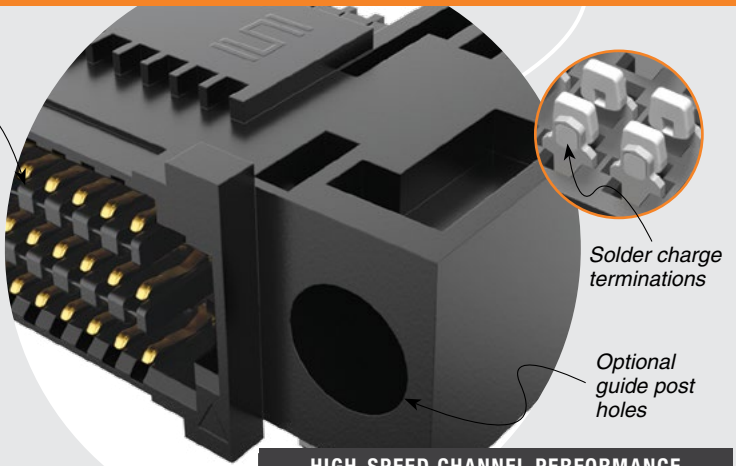
Cable Mates:
SEAC

OTHER SOLUTIONS



Up to 500 pins

Guide post field termination kits also available.



Solder charge terminations

Optional guide post holes

Low insertion/extraction forces

HIGH-SPEED CHANNEL PERFORMANCE

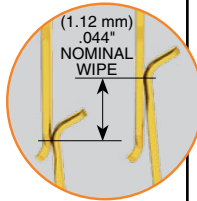
SEAF-RA/SEAM-RA

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

25
Gbps

RECOGNITIONS

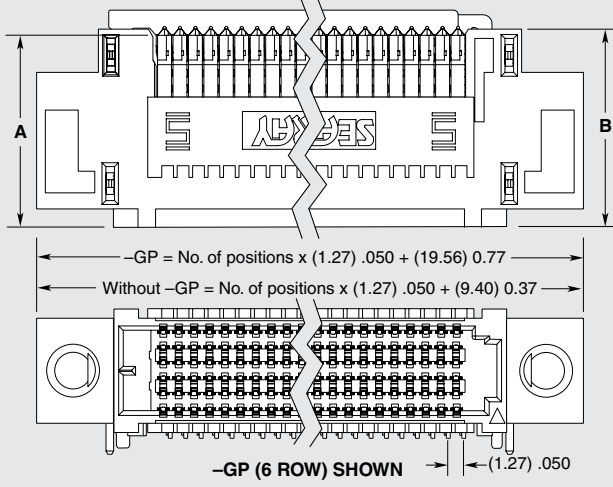
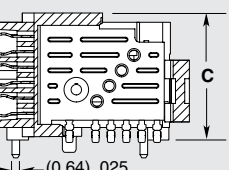
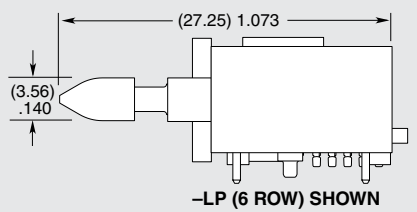
For complete scope of recognitions see www.samtec.com/quality



SEAF	NO. PINS PER ROW	01	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	RA	OPTION	"X"R
-20, -30, -40, -50	-L = 10 μm (0.25 μm) Gold on contact area, Matte Tin on solder tail -S = 30 μm (0.76 μm) Gold on contact area, Matte Tin on solder tail	-04 = Four Rows -06 = Six Rows -08* = Eight Rows -10* = Ten Rows	-1 = Tin/Lead Alloy Solder Charge -2 = Lead-Free Solder Charge	-GP = Guide Post Hole -LP = Latch Post -06 row -30 positions only (Mates to SEAC Series) -K = Polyimide film Pick & Place Pad	-TR = Standard Tape & Reel -FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)			

NO. OF ROWS	A	B	C
-04	(13.26) .522	(13.77) .542	(7.91) .311
-06	(15.80) .622	(16.31) .642	(10.45) .411
-08	(18.34) .722	(18.85) .742	(12.99) .511
-10	(20.88) .822	(21.39) .842	(15.53) .611

*Note: Fixturing required to process eight and ten row options, see www.samtec.com/searayfixture



-LP (6 ROW) SHOWN

-GP (6 ROW) SHOWN

ALSO AVAILABLE (MOQ Required)

- Other platings

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.

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.