



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:

2.1 A per pin

(4 adjacent pins powered)

Operating Temp Range:

-55 °C to +125 °C

Plating:

Au or Sn over

50 μ" (1.27 μm) Ni

Contact Resistance:

17.1 mΩ max

Working Voltage:

280 VAC

Mated Cycles:

100

RoHS Compliant:

Yes

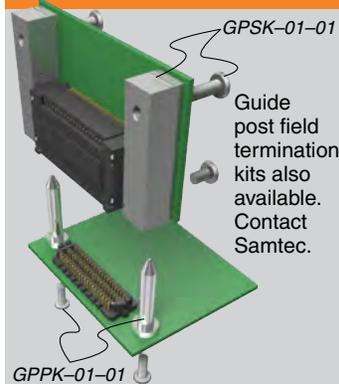
Lead-Free Solderable:

Yes

Board Mates:
SEAM, SEAMP

Cable Mates:
SEAC

OTHER SOLUTIONS



Guide post field termination kits also available. Contact Samtec.

Up to 500 pins



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 Samtec.com or contact SIG@samtec.com

25
Gbps

RECOGNITIONS

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



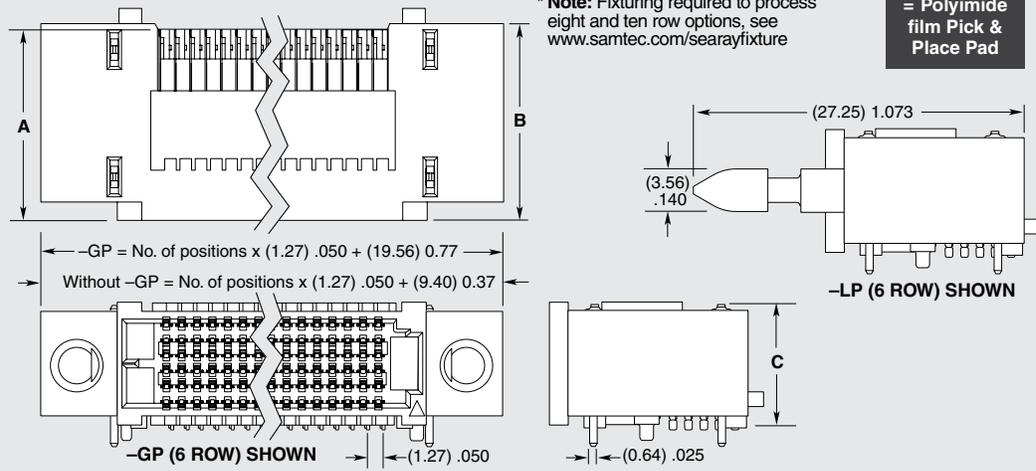
SEAF	NO. PINS PER ROW	01	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	RA	OPTION	TR
	-20, -30, -40, -50		-L = 10 μ" (0.25 μm) Gold on contact area, Matte Tin on solder tail -S = 30 μ" (0.76 μm) Gold on contact area, Matte Tin on solder tail	-04 = Four Rows -06 = Six Rows -08* = Eight Rows -10* = Ten Rows	-1 = 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 = Tape & Reel

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

ALSO AVAILABLE (MOQ Required)

- Other platings
- Contact Samtec.



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