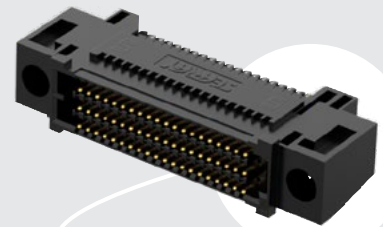




SEAF-20-01-L-04-2-RA-GP-TR



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

SEAF-RA SERIES

(1.27 mm) .050"

HI-DENSITY RIGHT-ANGLE OPEN-PIN-FIELD

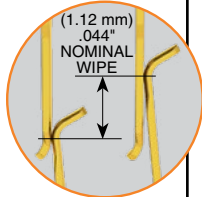
SPECIFICATIONS

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

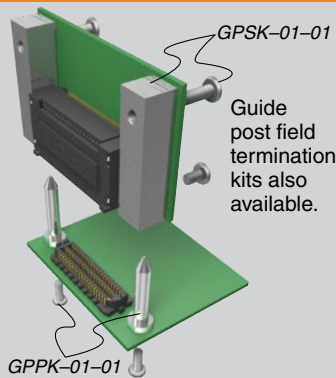
RECOGNITIONS

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

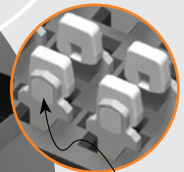


- Board Mates:**
SEAM, SEAMP
- Cable Mates:**
SEAC

OTHER SOLUTIONS



Up to 500 pins



Optional guide post holes

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

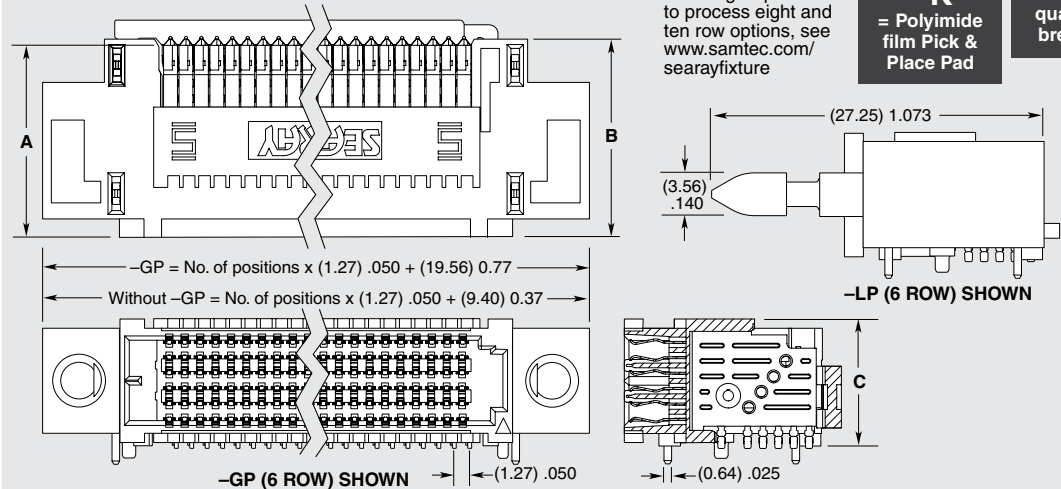
SEAF	NO. PINS PER ROW	01	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	RA	OPTION	"X"R
	-20, -30, -40, -50		-L = 10 μm (0.25 μm) Gold on contact area, Matte Tin on solder tail -S = 30 μm (0.76 μm) Gold on contact area, Matte Tin on solder tail	-04 = Four Rows -06 = Six Rows -08* = Eight Rows -10* = Ten Rows	-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)	-TR = Standard Tape & Reel -FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)

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

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

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.