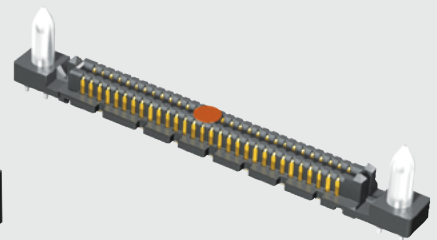


SEAM-20-01-L-06-2-RA-GP-TR



SEAM-30-02.0-L-04-2-A-GP-K-TR

(1.27 mm) .050"

SEAM-RA, SEAM-GP SERIES

# HI-DENSITY RIGHT-ANGLE OPEN-PIN-FIELD

**SEAM-RA Mates with:**  
SEAF, SEAF-RA, SEAFP  
**SEAM-GP Mates with:**  
SEAF-RA-GP

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?SEAM-RA](http://www.samtec.com?SEAM-RA) or [www.samtec.com?SEAM](http://www.samtec.com?SEAM)

**Insulator Material:**  
Black LCP

**Contact Material:**  
Copper Alloy

**Current Rating:**  
SEAM-RA = 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:**  
SEAM-RA = 260 VAC  
SEAM-GP = 240 VAC

**Mated Cycles:**  
SEAM-GP = 100

**RoHS Compliant:**  
Yes

**Lead-Free Solderable:**  
Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



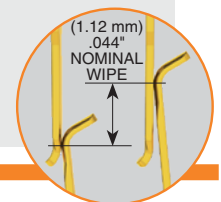
SEAM	NO. PINS PER ROW	01	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	RA	OPTION	TR
	-20, -30, -40, -50		-L = 10 μm (0.25 μm) Gold on contact area, Matte Tin on solder tail  -S = 30 μm (0.76 μm) Gold on contact area, Matte Tin on solder tail	-04 = Four Rows  -06 = Six Rows  -08* = Eight Rows  -10* = Ten Rows	-1 = Tin/Lead Alloy Solder Charge  -2 = Lead-Free Solder Charge		-GP = Guide Post  -K = Polyimide film Pick & Place Pad	-TR = Tape & Reel

**HIGH-SPEED CHANNEL PERFORMANCE**

SEAM-RA/SEAF-RA

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

NO. PINS PER ROW	A
-20	(38.94) 1.533
-30	(51.64) 2.033
-40	(64.34) 2.533
-50	(77.04) 3.03



SEAM	NO. PINS PER ROW	02.0	PLATING OPTION	NO. OF ROWS	SOLDER TYPE	A	GP	K	TR
	-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			-K = Polyimide film Pick & Place Pad	-TR = Tape & Reel (Not available with 50 positions)

**ALSO AVAILABLE (MOQ Required)**

- Extended Guide Post
- Guide post field termination kits
- Other platings

**Notes:**  
SEAM-GP Patented  
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.