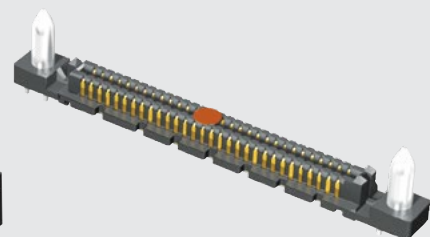


SEAM-20-01-L-06-2-RA-GP-TR



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, SEAF-P
SEAM-GP Mates with:
SEAF-RA-GP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SEAM-RA or 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 μ" (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



Notes:
SEAM-GP Patented

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

SEAM	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 -K = Polyimide film Pick & Place Pad	-TR = Tape & Reel

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

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

HIGH-SPEED CHANNEL PERFORMANCE

SEAM-RA/SEAF-RA
Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com
or contact SIG@samtec.com

25
G b p s

Dimensions: (8.13) .320, (12.32) .485, (7.91) .312, (1.60) .063, (0.64) .025, (19.30) .760, (1.27) .050, (3.05) .120 DIA, (5.36) .211, (1.27) .050, (19.56) 0.77, (11.18) 0.44, A

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

Dimensions: (5.54) .218, (06), (01), (4.60) .181, (1.27) .050, (1.12) .044 DIA, (0.86) .034 DIA, (1.27) .050 + (3.58) .141, (0.51) .020 SQ, (1.02) .040, (8.13) .320, (12.65) .498, (3.05) .120 DIA, No. of positions x (1.27) .050 + (19.46) .766

ALSO AVAILABLE (MOQ Required)

- Extended Guide Post
- Guide post field termination kits
- Other platings
- Contact Samtec.

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.