

SEAFP-50-01-L-10-RA-WT-GP

SEAFP-RA SERIES

(1.27 mm) .050"

# HIGH-DENSITY PRESS-FIT OPEN-PIN-FIELD

## SPECIFICATIONS

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

**Insulator Material:**

Natural LCP

**Contact Material:**

Copper Alloy

**Operating Temp Range:**

-55 °C to +125 °C

**Current Rating:**

1.3 A per pin  
(10 adjacent pins powered)

**Plating:**

Au or Sn over  
50 μm (1.27 μm) Ni

**Working Voltage:**

195 VAC/275 VDC

Mates with:

SEAM, SEAM-RA, SEAMP

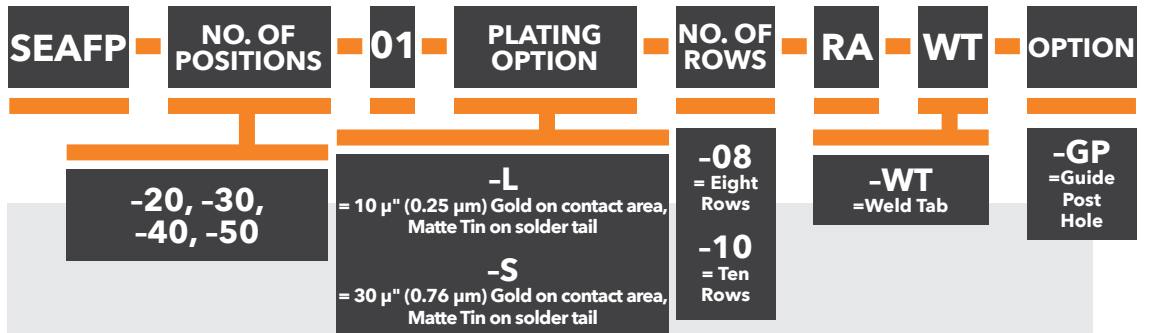
**EDGE RATE**  
CONTACT

Edge Rate® contact

8 or 10 rows

Press-fit tails

Optional guide post holes



NO. OF POSITIONS	A	B (With -GP)	B (W/O -GP)	C	D
-20	(32.26) 1.270	(44.96) 1.770	(36.45) 1.435	(32.77) 1.290	(39.45) 1.553
-30	(44.96) 1.770	(57.66) 2.270	(49.15) 1.935	(45.47) 1.790	(52.15) 2.053
-40	(57.66) 2.270	(70.36) 2.770	(61.85) 2.435	(58.17) 2.290	(64.85) 2.553
-50	(70.36) 2.770	(83.06) 3.270	(74.55) 2.935	(70.87) 2.790	(77.55) 3.053

## TOOLING

- Compliant pin fixture  
CAT-SEAFP-XX-XX-RA

For more information, visit [www.samtec.com/tooling](http://www.samtec.com/tooling)

## Notes:

Applications with varying board thickness refer to Samtec compliant pin termination specifications.

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

