

SEARAY

(1.27 mm) .050"



HIGH-SPEED/HIGH-DENSITY OPEN-PIN-FIEL

Up to

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?SEAF

Insulator Material: Contact Material: Copper Alloy Operating Temp Range: -55 °C to +125 °C Current Rating (7 mm stack height): 2.7 A per pin (10 adjacent pins powered)

Plating: Au or Sn over 50 µ" (1.27 µm) Ni

Working Voltage: 240 VA RoHS Compliant:

Yes (-2 Solder type only) Lead-Free Solderable:

RECOGNITIONS

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



STANDARDS

- VITA 47
- VITA 57 1 FMC
- VITA 57.4 FMC+
- VITA 74 VNX
- PISMO™2

Visit www.samtec.com/standards for more information.

DIFFERENTIAL SIGNAL ROUTING



The above signal routing configuration allows for the use of 25 to 125 differential pair counts. Contact sig@samtec.com for specific details.

Notes:

IPC-A-610F and IPC J-STD-001F Class 3 solder joint.

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

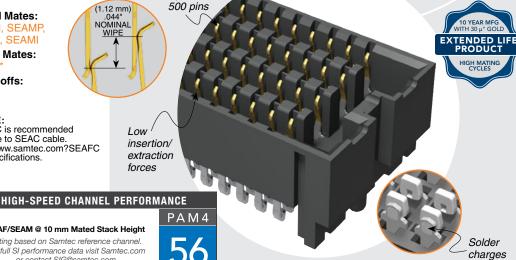


Standoffs:

SEAF

*NOTE: SEAFC is recommended to mate to SEAC cable. Visit www.samtec.com?SEAFC

Low for specifications.



SEAF/SEAM @ 10 mm Mated Stack Height

Rating based on Samtec reference channel. For full SI performance data visit Samtec.com or contact SIG@samtec.com

NO. PINS

PER ROW

-15, -20

-30, –40, –50 (–10 only available

in 04 row)

(–15 only available

in 04 or 10 row with

-05.0 lead style)

В

(5.66) .223

(8.20) .323

(10.74) .423

(13.28) .523

→ (1.27) .050

No. of positions x (1.27) .050 + (5.82) .229

No. of positions x (1.27) .050 + (3.58) .141

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←(1.12) .044 DIA

NO. OF

-04

-05, -06

-08

-10

В

(1.27) .050

PLATING

OPTION

 $= 10 \mu$ "

(0.25 µm)

Gold on

contact

area,

Matte Tin on

solder tail

-S

 $= 30 \mu''$

(0.76 µm)

Gold on

contact

area.

Matte Tin on

solder tail

LEAD

STYLE

LEAD

STYLE

from

chart

Α

5.05

.199

(6.05)

(6.55

.258

(7.54 .297

LEAD STYLE

-05.0

-06.0

-06.5

-07.5

88888

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NO. OF **ROWS**

-04

=Four

Rows

SOLDER **TYPE**

- 1

-05=Five Rows

=Six Rows -08 =Eight

-06

-10 =Ten Rows

-LP

Rows

= Tin/Lead Alloy Solder Charge

-2 Lead-Free Solder Charge

(15.49)

.610 (1.78) .070

-LP = Latch Post

OPTION

(-LP required for SEAC mate only) (Available with -05.0 lead style and -04, -06, -08 & -10 rows only) = Tape & Reel -FR = Full Reel

–TR

Tape & Reel Packaging (Must order màx. quantities per reel. Contact Samtec for

parts per reel)

POWER/SIGNAL APPLICATION



.009 Due to technical progress, all designs, specifications and components are subject to change without notice

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