



HIGH-SPEED HIGH-DENSITY JUMPER

(1.27 mm) .050" PITCH • SEAC SERIES

14
Gbps



SEAC Mates: SEAF8

| SEAC | NO. OF POSITIONS PER ROW | NO. OF ROWS | CABLE LENGTH | TU | TU | CABLE TYPE | LATCH OPTION |
|------|-----------------------------|----------------|-----------------|----|----|---------------|-----------------|
|------|-----------------------------|----------------|-----------------|----|----|---------------|-----------------|

SPECIFICATIONS

Cable:
36 AWG 50 Ω coax, or
32 AWG 100 Ω twinax
Signal Routing:
50 Ω Single-Ended, or
100 Ω Differential Pair
Plating:
Au over 50 μ" (1.27 μm) Ni
Operating Temp Range:
-40 °C to +125 °C (coax)
-25 °C to +105 °C (twinax)



–020
(–04, –06, –08
& –10 row only)

–030
(–04, –06 &
–08 row only)

–040
(–04 & –06
row only)

–050
(–04 row only)

–04,
–06,
–08,
–10

–"XX.X"
= Cable
Length
in Inches
(101.6 mm)
04.0"
minimum

Leave
Blank for
36 AWG
50 Ω coax

–2
= 32 AWG
100 Ω
twinax

Leave
Blank for
latch post

–N
= No Latch

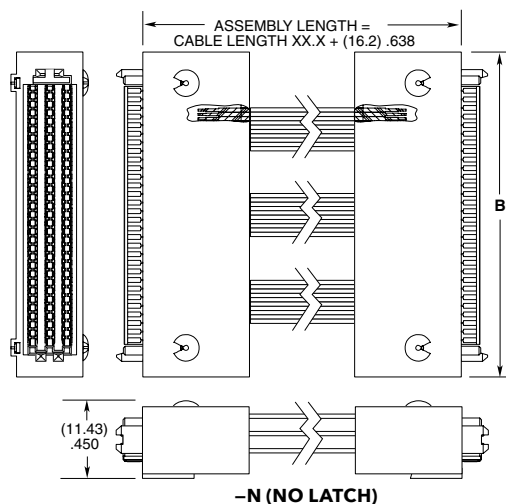
SIGNAL ROUTING

Product has some
lines dedicated to ground.

For single-ended and
differential pair signal/ground
assignments see signal routing
information on the assembly
print at the web address above.

Design your High-Speed Cable
with Samtec's High-Speed
Cable Solutionator® at
www.samtec.com/hdr

| POSITIONS PER ROW | A | B | C |
|----------------------|------------------|------------------|------------------|
| –020 | (30.38) 1.196 | (33.53) 1.320 | (48.26) 1.900 |
| –030 | (43.08) 1.696 | (46.23) 1.820 | (60.96) 2.400 |
| –040 | (55.78) 2.196 | (58.93) 2.320 | (73.66) 2.900 |
| –050 | (68.48) 2.696 | (71.63) 2.820 | (86.36) 3.400 |



OTHER SOLUTIONS

Other end options
Mixed SEAC end types
300 positions or greater

Notes:
Mixed latch styles not available

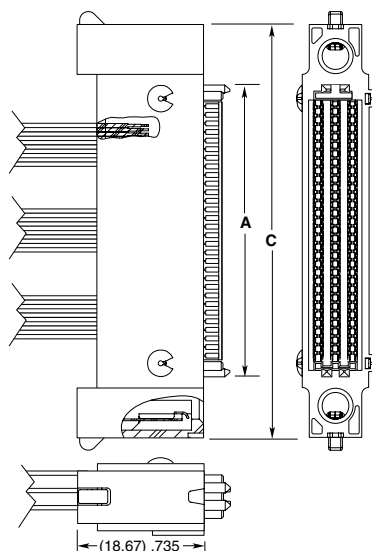
Cable lengths longer than
40.00" (1 meter) are not
supported with S.I. test data.

Design your full cable
assembly with Samtec's
High-Speed Cable Builder at
www.samtec.com/cablebuilder

PCIe® 2.0 & 3.0 capable

PCI-SIG®, PCI Express® and
the PCIe® design marks are
registered trademarks and/or
service marks of PCI-SIG.

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



LATCH POST

SEARAY™ .8 mm CABLE ASSEMBLY

(0.80 mm) .0315" Pitch High-Speed Cable
in 8 to 10 rows that mates with the
SEAM8/SEAF8 Series.

For more information on
the ESCA Series,
visit samtec.com/ESCA

