



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
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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

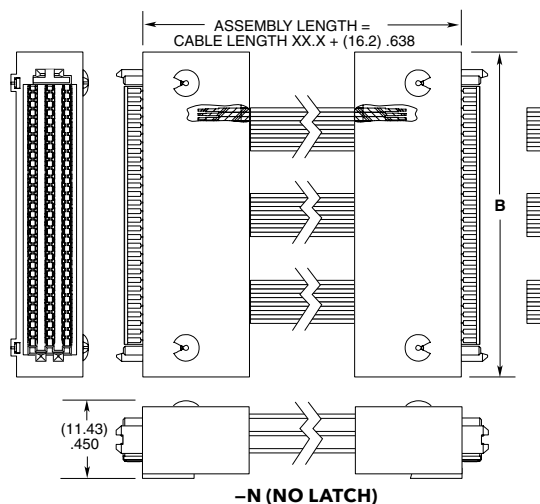
SIGNAL ROUTING

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

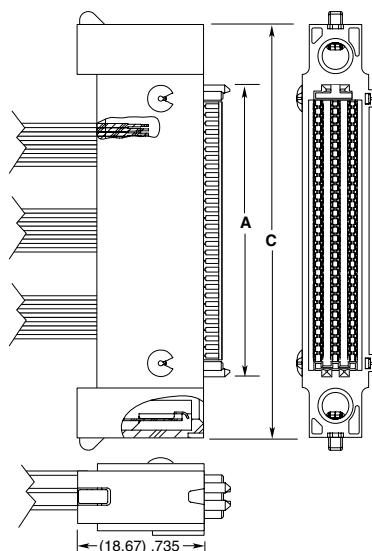
Cable lengths longer than
40.00" (1 meter) are not
supported with S.I. test data.

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.

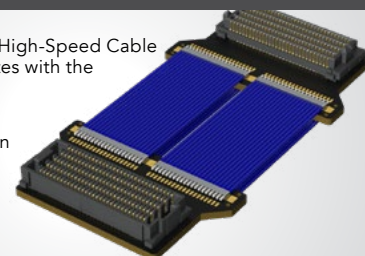


LATCH POST

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



Mouser Electronics

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Samtec:

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