SEARRAY™

HIGH-SPEED HIGH-DENSITY JUMPER

14 Gbps

(1.27 mm) .050" PITCH • SEAC SERIES

SEAC
Mates:
SEAFC

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

NO. OF POSITIONS PER ROW
–020
(–04, –06, –08 & –10 row only)
–030
(–04, –06 & –08 row only)
–040
(–04 & –06 row only)
–050
(–04 row only)

NO. OF ROWS
–04,
–06,
–08,
–10

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

CABLE TYPE
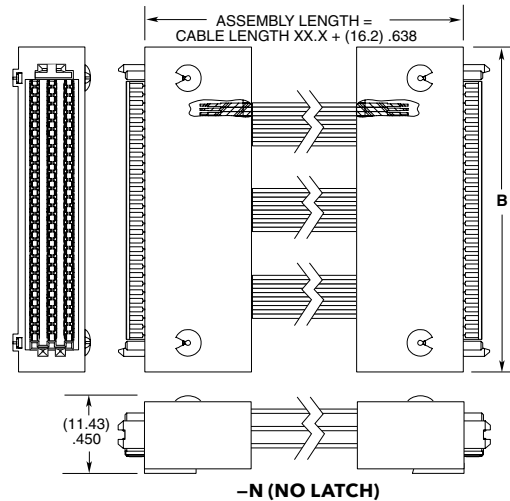Leave Blank for 36 AWG 50 Ω coax
–2
= 32 AWG 100 Ω twinax

LATCH OPTION
Leave Blank for latch post
–N
= No Latch

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)

EYE SPEED CABLE®

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

OTHER SOLUTIONS

Other end options
Mixed SEAC end types
300 positions or greater
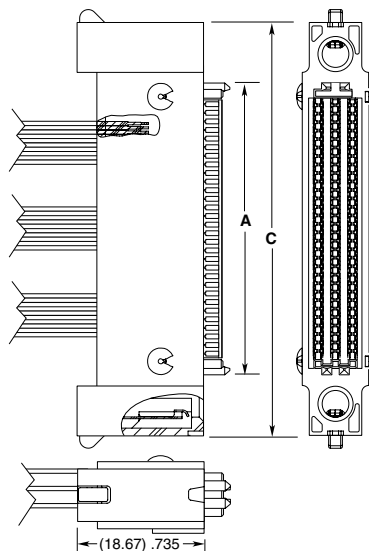
Notes:
Mixed latch styles not available

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

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

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

ASSEMBLY LENGTH = CABLE LENGTH XX.X + (16.2) .638

B

(11.43) .450

–N (NO LATCH)

A
C

(18.67) .735

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