

SEAC-030-06-06.0-TU-TU-N

SEAC SERIES

(1.27 mm) .050"

HIGH-SPEED/HIGH-DENSITY JUMPER

SPECIFICATIONS

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

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

RoHS Compliant: Yes

SEAC-N Mates with: SEAF, SEAF-RA, SEAFP

SEAC with latch posts, Mates with: SEAF-LP, SEAF-RA-LP

PCIe® GEN 2 and Gen 3 Protocol Supported

EYE SPEED CABLE

No latch, top latch or rugged latch post designs available

HIGH-SPEED CHANNEL PERFORMANCE

SEAC

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

14
Gbps

40 to 250 I/Os
(½ pins are dedicated to ground)

RUGGEDIZED
BY SAMTEC

- Positive latching
- Top 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/hrd

OTHER SOLUTIONS

- Other end options
- Mixed SEAC end types
- 300 positions or greater

SEAC	NO. OF POSITIONS PER ROW	NO. OF ROWS	CABLE LENGTH	TU	TU	CABLE TYPE	LATCH OPTION
-020	-04, -06, -08 & -10 row only	-04, -06, -08, -10	- "XX.X" = Cable Length in Inches (152.4 mm) 06.0" minimum			Leave Blank for 36 AWG 50 Ω coax	Leave Blank for latch post
-030	-04, -06 & -08 row only					-2 = 32 AWG 100 Ω twinax	-N = No Latch (Not available with -04)
-040	-04 & -06 row only						
-050	-04 row only						

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

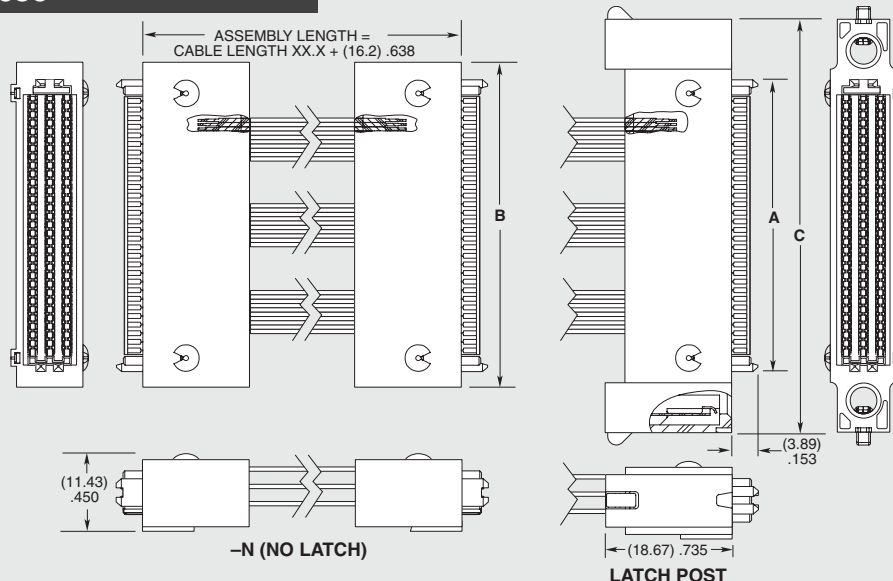
Notes:

Mixed latch styles not available

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

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



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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.