

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
- Current Rating:**
2.6 A per pin
(1 pin powered per row)
- RoHS Compliant:**
Yes

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
- Contact Samtec.

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

SEAC-T Mates with:
SEAF-RA (-T option)

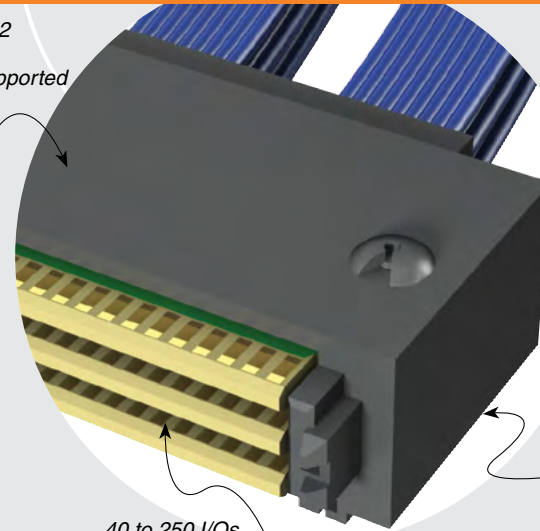
SEAC with latch posts, Mates with:
SEAF-LP, SEAF-RA-LP

PCIe® GEN 2 and Gen 3 Protocol Supported



RUGGEDIZED
BY SAMTEC

- Positive latching
- Top latch



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

No latch, top latch or rugged latch post designs available

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						-T = Top Latch (Not available with -04)
-050	-04 row only						

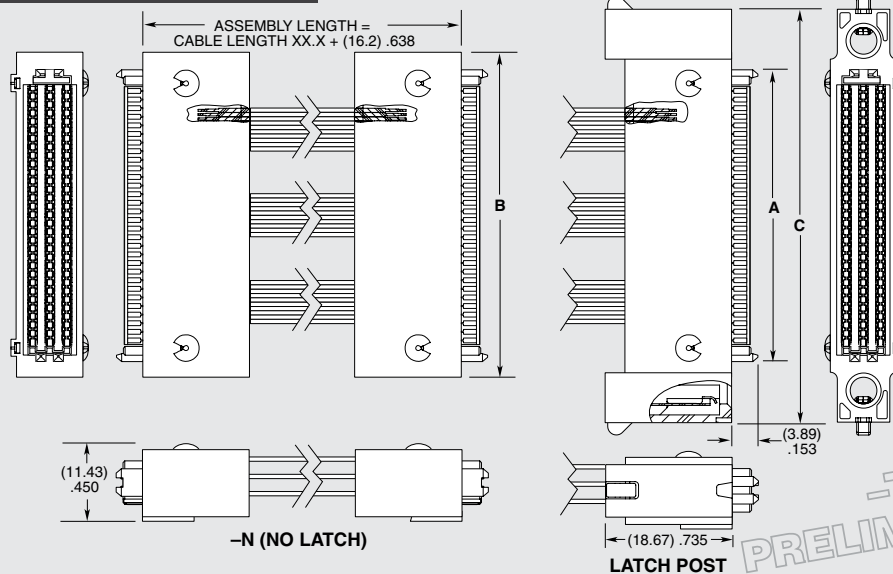
POSITIONS PER ROW	A	B	C
-020	(30.38) 1.196	(33.53) 1.320	(48.26) 1.900
-030	(43.08) 1.696	(46.23) 1.820	(60.96) 2.400
-040	(55.78) 2.196	(58.93) 2.320	(73.66) 2.900
-050	(68.48) 2.696	(71.63) 2.820	(86.36) 3.400

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.



-T PRELIMINARY