

TWINAX EDGE CARD CABLE ASSEMBLY

(0.80 mm) .0315" PITCH • ECDP SERIES

14
Gbps



ECDP

Mates:

HSEC8 (−L2 option),
HSEC8 (−BL option)

SPECIFICATIONS

Cable:
30 AWG twinax cable

Plating:
Edge Card = ENIG,
3-10 microinches

Operating Temp Range:
−25 °C to +105 °C

Current Rating:
2.3 A per pin
(2 adjacent pins powered)

Impedance:
100 Ω Differential

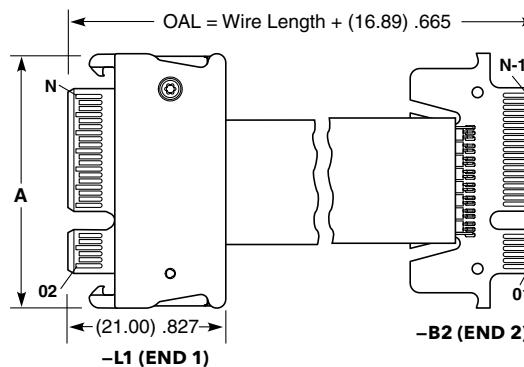
Bend Radius:
(3.18 mm) .125"

Pinout Map:
See web address below

ECDP	NO. OF PAIRS	WIRE LENGTH	END 1	END 2	WIRING OPTION	CABLE TYPE
	−04, −08, −16, −32	−"XX.XX" = Wire Length in Inches (95.3 mm) 03.75" minimum	−L1 = Double Vertical with latches	−L1 = Double Vertical with latches (Wiring option −3 & −4 only)	−1 = Pin 1 to Pin 1	−3 = 100 Ω Eye Speed®
			−B1 = Board lock, No housing	−L2 = Double Vertical with latches (Wiring option −1 & −2 only)	−2 = Pin 1 to Pin 2	
				−B1 = Board lock, No housing (Wiring option −3 & −4 only)	−3 = Pin 1 to Pin N-1	
				−B2 = Board lock, No housing (Wiring option −1 & −2 only)	−4 = Pin 1 to Pin N	

NO. OF PAIRS	A
−04	(20.85) .821
−08	(24.05) .947
−16	(33.66) 1.325
−32	(52.86) 2.081

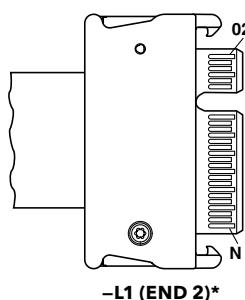
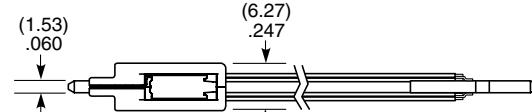
CABLE	CONNECTOR
ECDP-04	HSEC8-109-XX
ECDP-08	HSEC8-113-XX
ECDP-16	HSEC8-125-XX
ECDP-32	HSEC8-149-XX



Notes:
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 Solutionator® at www.samtec.com/cablebuilder

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



*Same pinout for −B1 end 2 and −L1 end 2.