

TWINAX EDGE CARD CABLE ASSEMBLY

14
Gbps

(0.80 mm) .0315" PITCH • ECDP SERIES



ECDP

Mates:
HSEC8 (-L2 option),
HSEC8 (-BL option)

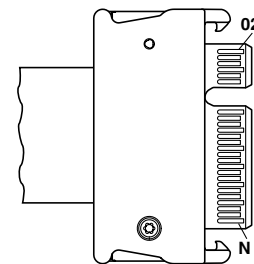
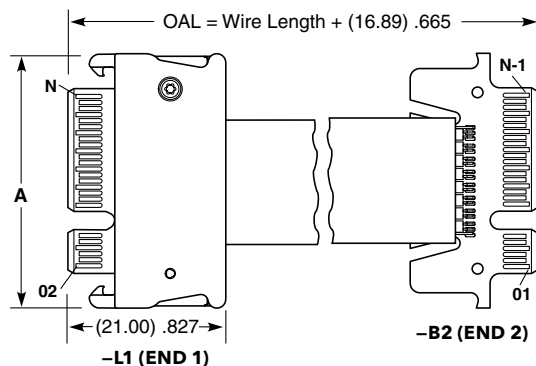
SPECIFICATIONS

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 -B1 = Board lock, No housing	-L1 = Double Vertical with latches (Wiring option -3 & -4 only) -L2 = Double Vertical with latches (Wiring option -1 & -2 only) -B1 = Board lock, No housing (Wiring option -3 & -4 only) -B2 = Board lock, No housing (Wiring option -1 & -2 only)	-1 = Pin 1 to Pin 1 -2 = Pin 1 to Pin 2 -3 = Pin 1 to Pin N-1 -4 = Pin 1 to Pin N	-3 = 100 Ω Eye Speed [®]

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.