

EDGE RATE® TWINAX CABLE ASSEMBLIES

(0.80 mm) .0315" PITCH • ERDP SERIES

14
Gbps



ERDP

Mates:

ERF8 (-L), ERM8 (-L)

(Mating connectors require latching option -L)

SPECIFICATIONS

Cable:

30 AWG twinax ribbon cable

Signal Routing:

100 Ω Differential

Plating:

Au over 50 μ" (1.27 μm) Ni

Operating Temp Range:

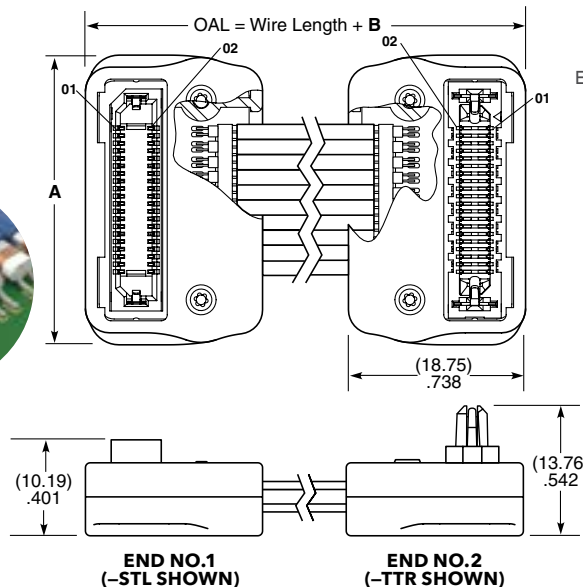
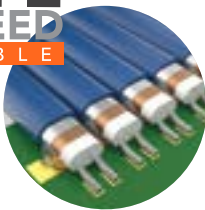
-25 °C to +105 °C

ERDP	NO. POSITIONS PER ROW	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	LATCH
	-013 = 8 Pair	- "XX.XX" = Wire Length in Inches (43.7 mm) 01.72" minimum	-TTR = Terminal, Top Right	-5 = Pin 1 to Pin 1		Specify LATCH from chart (Required callout)
	-025 = 16 Pair		-TTL = Terminal, Top Left	-6 = Pin 1 to Pin 2		
	-049 = 32 Pair		-TBR = Terminal, Bottom Right	-7 = Pin 1 to Pin N - 1		
			-TBL = Terminal, Bottom Left	-8 = Pin 1 to Pin N		
			-STR = Socket, Top Right			
			-STL = Socket, Top Left			
			-SBR = Socket, Bottom Right			
			-SBL = Socket, Bottom Left			
			-TEU = Terminal, Edge Mount Up			
			-TED = Terminal, Edge Mount Down			

POSITIONS PER ROW	A
-013	(25.86) 1.018
-025	(34.67) 1.365
-049	(53.85) 2.120

END TO END	B
DV to DV	(23.47) .924
DV to Edge Mount (-TEX)	(26.69) 1.051
Edge Mount (-TEX)	(29.92) 1.178

**EYE
SPEED
CABLE**



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.

LATCH	ASSEMBLY
† -L	End No. 1 Standard Latch, End No. 2 Squeeze Latch
◆ -R	End No. 1 Squeeze Latch, End No. 2 Standard Latch
-D	Both Ends Standard Latch
* -N	No Housing Both Ends Standard Latch
◆ -B	Both Ends Squeeze Latch
† -F	End No. 1 Screw Option, End No. 2 Friction Latch
* -S	End No. 1 Friction Latch, End No. 2 Screw Option
* -C	Both Ends Screw Option
* -G	End No. 1 Screw Option, End No. 2 Squeeze Latch
-T	End No. 1 Squeeze Latch, End No. 2 Screw Option

-B, -C, -G & -T option only available with
* -TEX on both ends.

-L & -S option only available with

† -TEX on second end.

-R & -F option only available with

◆ -TEX on first end.

Mouser Electronics

Authorized Distributor

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