

EDGE RATE® CABLE ASSEMBLIES

(0.80 mm) .0315" PITCH • ERCD SERIES

14
Gbps



ERCD

Mates:

ERF8 (-L), ERM8 (-L)

(Mating connectors require latching option -L)

SPECIFICATIONS

Cable:

34 AWG coax ribbon cable

Signal Routing:

50 Ω Single-Ended

Plating:

Au over 50 μ" (1.27 μm) Ni

Operating Temp Range:

-25 °C to +105 °C

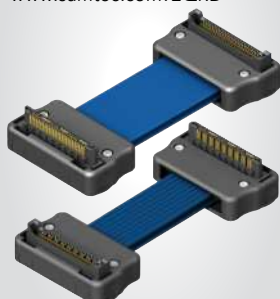
Current Rating:

1.3 A per pin
(2 pins powered)

OTHER SOLUTIONS

Q Rate® Cable Assemblies that mate to the QRF8, QRM8 Series.

For coax cable, visit the EQRD series located at www.samtec.com?EQRD



For twinax cable, visit the EQRP series located at www.samtec.com?EQRP

ERCD	NO. POSITIONS PER ROW	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	LATCH
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-010, -013,
-020, -025,
-030, -040,
-050, -060

-“XX.XX”
= Wire Length
in Inches
(43.7 mm)
01.72”
minimum

-TTR
= Terminal,
Top Right
-TTL
= Terminal,
Top Left

-TBR
= Terminal,
Bottom Right

-TBL
= Terminal,
Bottom Left

-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

-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

Specify
LATCH
from
chart
(Required
callout)

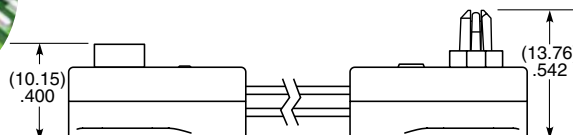
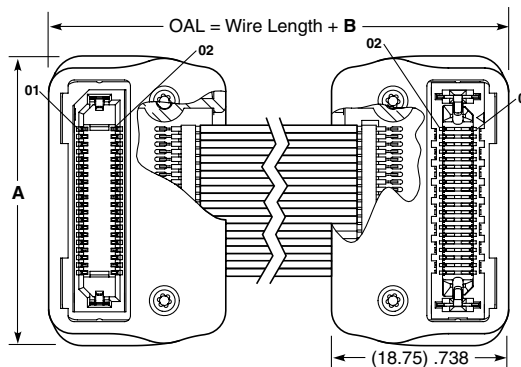
POSITIONS PER ROW	A
-010	(22.66) .892
-013	(25.06) .987
-020	(30.66) 1.207
-025	(34.65) 1.364
-030	(38.66) 1.522
-040	(46.66) 1.837
-050	(54.66) 2.152
-060	(62.66) 2.467

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

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 option only available with
★ -TEX on both ends.
† -L & -S option only available with
† -TEX on second end.
◆ -R & -T option only available with
◆ -TEX on first end.

**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.