

# EDGE RATE® CABLE ASSEMBLIES

**14**  
Gbps

(0.80 mm) .0315" PITCH • ERCD SERIES



## 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:

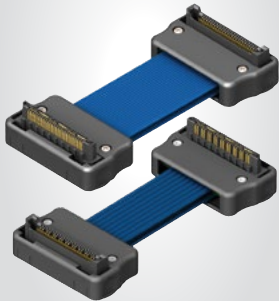
1.3 A per pin

(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](http://www.samtec.com?EQRD)



For twinax cable, visit the EQRP series located at [www.samtec.com?EQRP](http://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)

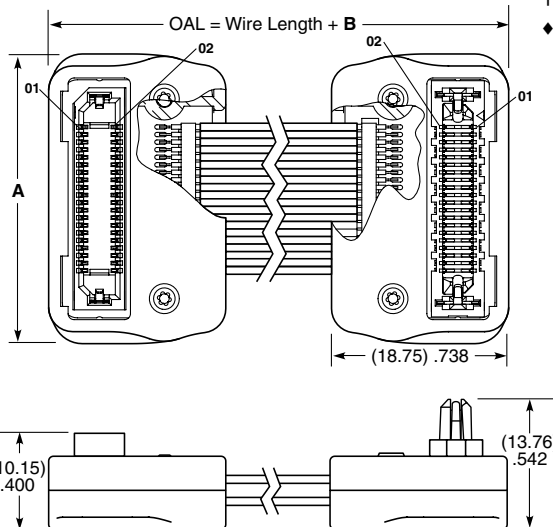
POSITIONS PER ROW	A
-010	(22.66) .892
-013	(25.06) .987
-020	(30.66) 1.207
-025	(34.65) 1.364
-030	(38.66) 1.522
-040	(46.66) 1.837
-050	(54.66) 2.152
-060	(62.66) 2.467

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 Builder at [www.samtec.com/cablebuilder](http://www.samtec.com/cablebuilder)

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