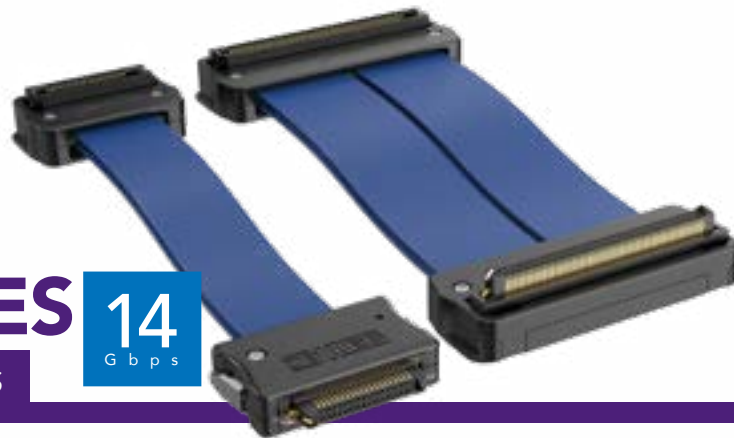


EDGE RATE® CABLE ASSEMBLIES

(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)

ERCD

NO. POSITIONS PER ROW

-010, -013,
-020, -025,
-030, -040,
-050, -060

WIRE LENGTH

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

END NO. 1

-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

END NO. 2

WIRING OPTION

-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

LATCH

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

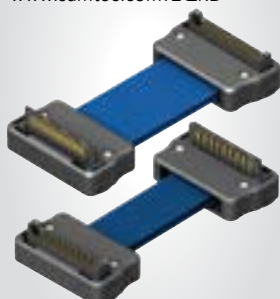
LATCH	ASSEMBLY
† -L	End No. 1 Standard Latch, End No. 2 Squeeze Latch
◆ -R	End No. 1 Squeeze Latch, End No. 2 Standard Latch
-D	Both Ends Standard Latch
-N	No Housing Both Ends Standard Latch
★ -B	Both Ends Squeeze Latch
-F	End No. 1 Screw Option, End No. 2 Friction Latch
-S	End No. 1 Friction Latch,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

OTHER SOLUTIONS

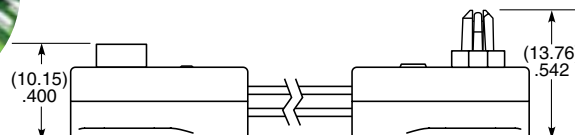
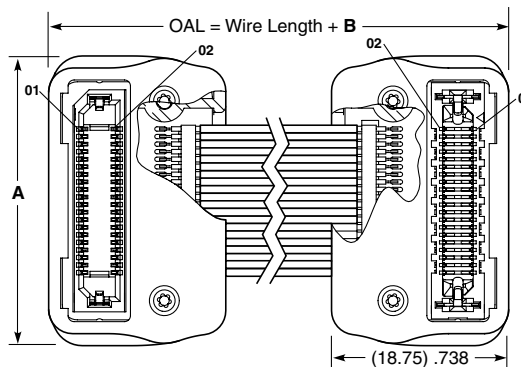
Q Rate® Cable Assemblies
that mate to the QRF8,
QRM8 Series.

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

**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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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