

DATA RATE CABLE HQCD, EQCD SERIES

SPECIFICATIONS

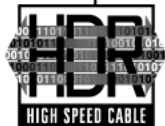
For complete specifications see www.samtec.com?HQCD or www.samtec.com?EQCD



- 38 AWG micro ribbon coax cable
- Single-Ended routing
- Vertical and edge mount terminations to cable
- High cable flexing life (> 40,000 cycles when flexed around 1/8" (3,18mm) DIA mandrel)
- Small bend radii (< 2.5mm)
- Locking and latching options
- Current rating: 300 milliamp max
- Temp range: -25°C to 105°C
- Propagation delay: 4.50 nsec/meter
- 50Ω Single-Ended coax

HQCD Mates with:
QTH, QSH

EQCD Mates with:
QTE, QSE



APPLICATIONS

Verify part number with Samtec's Interactive Cable Builder at www.samtec.com/cable_builder/pitch.asp



Surface mount
or Edge
mount

Socket or
Terminal

0,50mm or
0,80mm pitch

Screw Mount
option

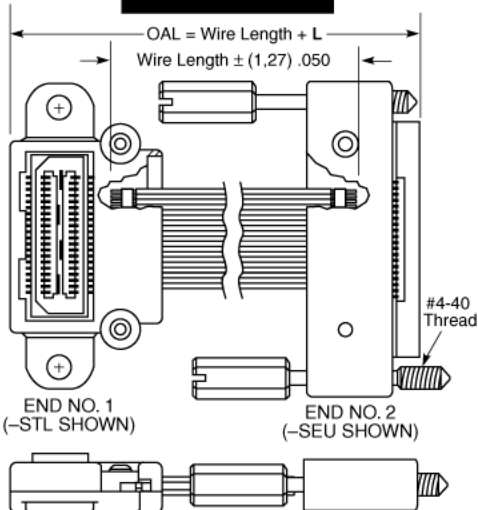
38 AWG
micro ribbon
coax cable

APPLICATION SPECIFIC

- Other sizes and lengths
 - Other terminations
 - Other wire AWG
- Call Samtec.

TYPE	NO. POSITIONS PER ROW	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	SCREW OPTION
HQCD = (0,50mm) .0197" pitch	-030, -060, -090, -120 (HQCD Series)	- "XX.XX" = Wire Length in Inches (152mm) 06.00" to (1m) 40.00" Max.	Specify END ASSEMBLIES from chart		-1 = Pin 1 to Pin 1	-F = End No. 1
EQCD = (0,80mm) .0315" pitch	-020, -040, -060, -080 (EQCD Series)				-2 = Pin 1 to Pin 2	-S = End No. 2
					-3 = Pin 1 to Second Last Pin	-B = Both Ends
					-4 = Pin 1 to Last Pin	

END TO END	L
Surface Mount to Surface Mount	(23,88) .940
Surface Mount to Edge Mount (Terminal)	(21,08) .830
Surface Mount to Edge Mount (Socket)	(20,35) .801
Edge Mount (Terminal) to Edge Mount (Terminal)	(18,29) .720
Edge Mount (Terminal) to Edge Mount (Socket)	(17,55) .691
Edge Mount (Socket) to Edge Mount (Socket)	(16,81) .662



END	SURFACE MOUNT
TTR	Terminal, Top, Notch Right
TTL	Terminal, Top, Notch Left
TBR	Terminal, Bottom, Notch Right
TBL	Terminal, Bottom, Notch Left
STR	Socket, Top, Notch Right
STL	Socket, Top, Notch Left
SBR	Socket, Bottom, Notch Right
SBL	Socket, Bottom, Notch Left

END	EDGE MOUNT
TEU	Terminal, Edge, Notch Up
TED	Terminal, Edge, Notch Down
SEU	Socket, Edge, Notch Up
SED	Socket, Edge, Notch Down

Note:
This Series is non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

WWW.SAMTEC.COM