

(0.50 mm) .0197"

HLCD-20-06.00-TD-TR-3

HLCD SERIES

HIGH-SPEED HERMAPHRODITIC CABLE

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?HLCD

Cable:

38 AWG 50 Ω coax 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:

0.9 A per pin

(2 pins powered)

SI Performance:

Testing Now!

RoHS Compliant:

Yes

Mates with:
LSHM

RUGGEDIZED
BY SAMTEC

• Screw downs

Choice of end options

20, 30, 40 or 50 positions per row

Screw down option available

**EYE®
SPEED
CABLE**

38 AWG
micro ribbon
coax cable

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality


Notes:

Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Design your High-Speed Cable with Samtec's High-Speed Cable Solutionator® at www.samtec.com/hdr

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

END TO END	A
Vertical to Vertical	(21.84) .860
Vertical to Right-angle	(25.35) .998
Vertical to Reverse Right-angle	
Right-angle to Right-angle	
Right-angle to Reverse Right-angle	(28.85) 1.136
Reverse Right-angle to Reverse Right-angle	

NO. OF POSITIONS	B	
	XR, XL	XH, XD
-020	(22.23) .875	(18.42) .725
-030	(24.77) .975	(26.04) 1.025
-040	(32.39) 1.275	(33.66) 1.325
-050	(40.01) 1.575	(41.28) 1.625

HLCD	POSITIONS PER ROW	WIRE LENGTH	END NO. 1	END 1 OPTION	END NO. 2	END 2 OPTION	WIRING OPTION
	-20, -30, -40, -50 (Standard sizes)	"XX.XX" = Wire Length in Inches (43.7 mm) 01.72" minimum		-TR = Vertical, Top Right -TL = Vertical, Top Left -BR = Vertical, Bottom Right -BL = Vertical, Bottom Left -TD = Right-angle, Top -TH = Reversed Right-angle, Top -BD = Right-angle, Bottom -BH = Reversed Right-angle, Bottom	-TR = Vertical, Top Right -TL = Vertical, Top Left -BR = Vertical, Bottom Right -BL = Vertical, Bottom Left -TD = Right-angle, Top -TH = Reversed Right-angle, Top -BD = Right-angle, Bottom -BH = Reversed Right-angle, Bottom	Leave blank for no screw down. Screw down not available for -TD TH, -BD & -BH options. S = Screw down in PCB	-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

END NO. 1 (-TR SHOWN)

END NO. 2 (-TD SHOWN)

OAL = Wire Length + A

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

END OPTION	C	D
XL, XR	(16.51) .650	(6.02) .237
XD	(20.02) .788	(6.71) .264
XH		

Mouser Electronics

Authorized Distributor

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