

DCH SERIES

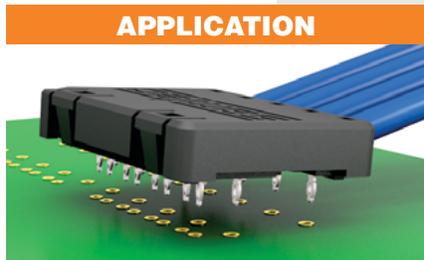
HIGH-SPEED PRESS-FIT TO BOARD

SPECIFICATIONS

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

- Cable:** 30 AWG solid core twinax cable
- Signal Routing:** 100 Ω
- Insulator Material:** Liquid Crystal Polymer
- Terminal Material:** Copper Alloy
- Operating Temp Range:** -25 °C to +105 °C
- RoHS Compliant:** Yes

APPLICATION



Supports and surpasses PCIe® Gen 3 speed at 2 meters

EYE[®] SPEED CABLE

30 AWG solid core twinax cable

High retention press-fit termination to PCB

Ultra-low 3 mm profile

HIGH-SPEED CHANNEL PERFORMANCE

DCH
Rating based on Samtec reference channel.
For full SI performance data visit Samtec.com or contact SIG@samtec.com

PAM 4

56
Gbps

TOOLING

- Flat block is recommended as a mating tool.
- Extraction Tool: CAT-EX-DCC-01

ALSO AVAILABLE (MOQ Required)

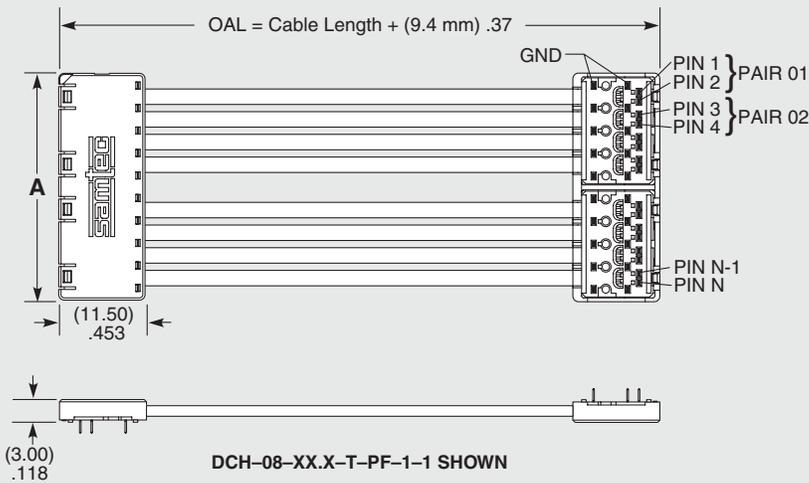
- Other cable lengths
- Other wiring options

DCH	NO. OF PAIRS	CABLE LENGTH	PLATING OPTION	CONTACT STYLE	END 2 OPTION	WIRING OPTION
-04, -08		-XX.X = Cable Length in Inches (50.8 mm) 02.0" minimum	-T = Matte Tin	-PF = Press-fit	-1 = DCH	-1 = Pin 1 to Pin 1 -4 = Pin 1 to Pin N (Contact Samtec for other options)

NO. OF PAIRS	A
-04	(15.25) .600
-08	(30.25) 1.191

Notes:

- Patent Pending
- 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
- PCI-SIG®, PCI Express® and the PCIe® design marks are registered trademarks and/or service marks of PCI-SIG.
- Some lengths, styles and options are non-standard, non-returnable.



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