

(2.00 mm) .0787"

DCC-04-04.0-G-PF-2-1-1

DCC-04-06.0-G-PF-1-1-1

DCC SERIES

HIGH-SPEED PRESS-FIT TO BOARD

SPECIFICATIONS

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

Cable:
30 AWG twinax ribbon cable
Signal Routing:
100 Ω Differential
Operating Temp Range:
-25 °C to +85 °C
RoHS Compliant:
Yes

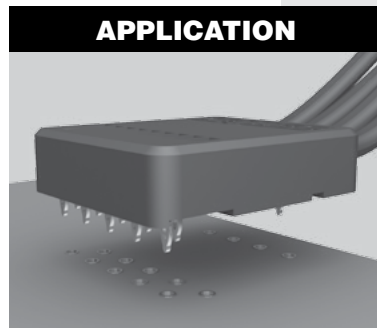
RECOGNITIONS

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



Mates with:
HSEC8 (-L2 option),
HSEC8 (-BL option)

APPLICATION



Supports and surpasses PCIe®
Gen 3 speed at 2 meters

30 AWG
twinax ribbon
cable is able
to fly over
the board

**EYE
SPEED
CABLE**

Performance
up to 15 GHz

Ultra-low
3 mm profile

High-retention press-fit
termination to PCB

TOOLING

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

ALSO AVAILABLE (MOQ Required)

- Other cable lengths
- Other wiring options
Contact Samtec.

DCC	NO. OF PAIRS	CABLE LENGTH	PLATING OPTION	CONTACT STYLE	END 2 OPTION	WIRING OPTION	GROUND PATTERN
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-04, -08

-04.0
= (101.6 mm)
04.0"
-06.0
= (152.4 mm)
06.0"
-12.0
= (304.8 mm)
12.0"
-24.0
= (609.6 mm)
24.0"
(Standard sizes)

-G
= 3 μ "
(0.08 μ m)
Gold on
Press-fit tail

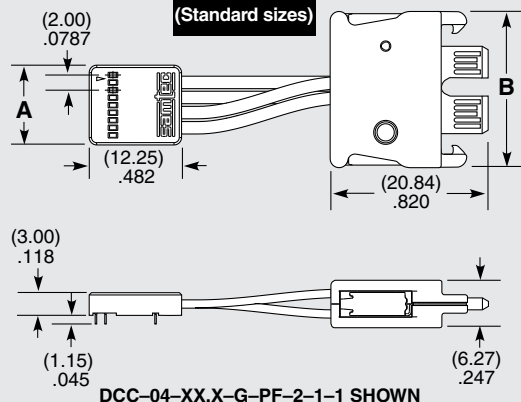
-PF
= Press-fit

-1
= DCC
-2
= ECDP
double vertical
with latches
-3
= ECDP
board
lock no
housing
-4
= ERDP
double vertical
with latches

-1
= Pin 1 to
Pin 1
-4
= Pin 1 to
Pin N
(Contact
Samtec
for other
options)

-1
= Outer
grounds

CABLE	MATING CONNECTOR
DCC-04	HSEC8-109-XX
DCC-08	HSEC8-113-XX



NO. OF PAIRS	A	B
-04	(10.60) .417	(20.85) .821
-08	(18.60) .732	(24.05) .947



DCC-04-XX.X-G-PF-3-1-1 SHOWN

DCC-04-XX.X-G-PF-2-1-1 SHOWN

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

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

WWW.SAMTEC.COM

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