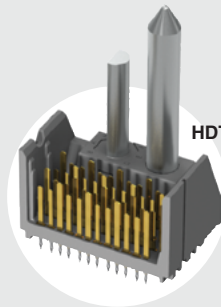
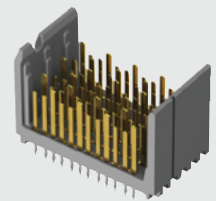


XCede HD



HDTM-4-04-1-S-VT-5-R-1-A



HDTM-4-06-1-S-VT-0-1

(1.80 mm) .071"

XCede® HD BACKPLANE HEADER

SPECIFICATIONS

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

Insulator Material: Liquid Crystal Polymer
Contact Material: Copper Alloy

Plating:

Sn or Au over 50 μm (1.27 μm) Ni

Operating Temp Range: -40 °C to +105 °C

Current Rating: Testing Now!

RoHS Compliant: Yes

Mates with: HDTF, BSP
 (See HDTF for more information)

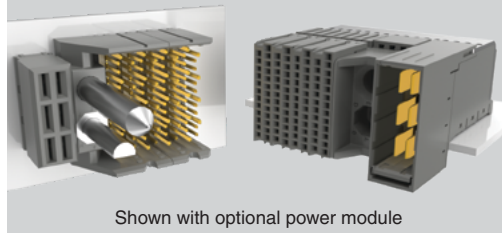
RECOGNITIONS

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

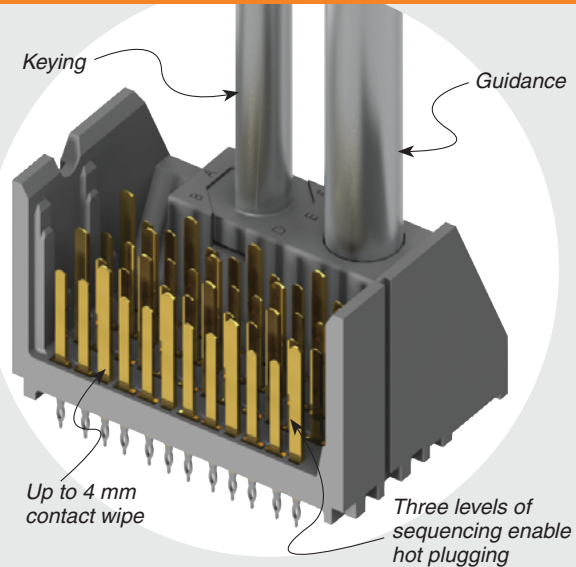


FILE NO. E111594

APPLICATION



Shown with optional power module



TOOLING

- For press-fit extraction and insertion tool options, visit www.samtec.com/tooling.aspx

HDTM

PAIRS

NO. OF COLUMNS

TAIL SIZE

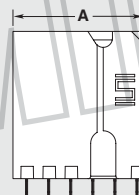
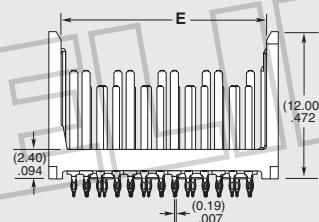
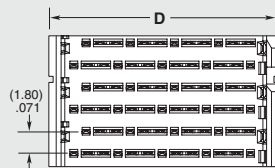
S

VT

-3, -4, -6
= Pairs Per Column

-04
= Four Columns
-06
= Six Columns
-08
= Eight Columns

-1
= (.4495 mm) .0177" Drill
-2
= (.5511 mm) .0217" Drill



PAIRS PER COLUMNS	D		E
	Standard wall	Thick wall	
-03	(15.10) .594	(16.10) .634	(13.15) .518
-04	(18.70) .736	(19.70) .776	(16.75) .659
-06	(25.90) 1.020	(26.90) 1.059	(23.95) .943

NO. OF COLUMNS	A				C	
	No walls	Left Wall	Two Wall	Right Wall	Left Polarize	Right Polarize
-04	(7.06) .278	(8.20) .322	(9.20) .362	(8.06) .317	(13.54) .533	(13.05) .513
-06	(10.66) .420	(11.80) .465	(12.80) .503	(11.66) .459	(17.14) .674	(16.65) .656
-08	(14.26) .561	(15.40) .606	(16.40) .817	(15.26) .600	(20.74) .817	(20.25) .797

HDTM-4-06-1-S-VT-0-1 SHOWN

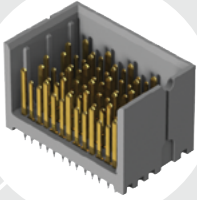
Note: XCede® is a registered trademark of Amphenol.

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

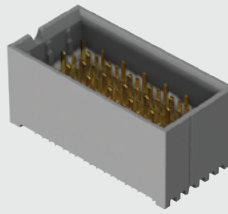
WWW.SAMTEC.COM

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.

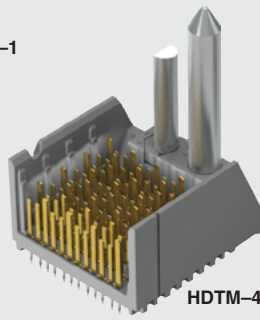
HDTM-4-06-1-S-VT-1-1



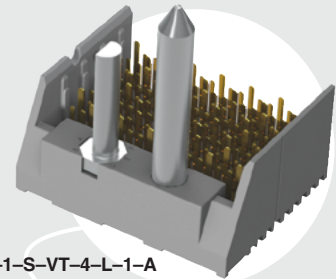
HDTM-6-06-1-S-VT-3-1-T



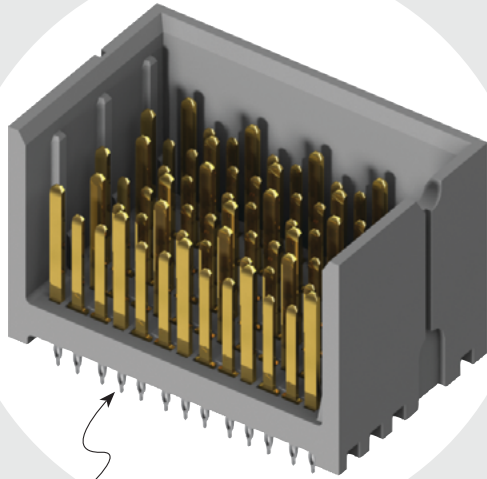
HDTM-4-08-1-S-VT-5-R-1-A



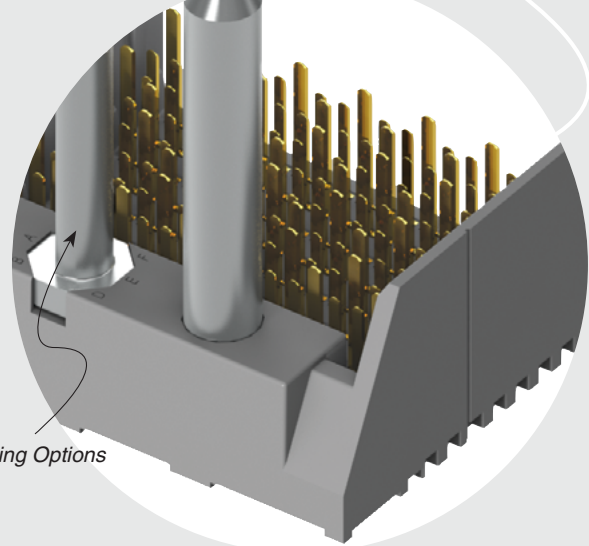
HDTM-6-08-1-S-VT-4-L-1-A



HDTM SERIES



Press-fit Tails



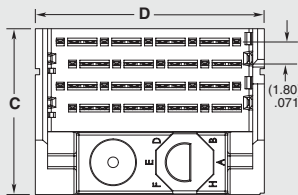
Keying Options

SIDE WALLS

- 0**
= Open
(No Walls)
- 1**
= Left Side Wall
- 2**
= Right Side Wall
- 3**
= Two Side Walls
- 4**
= Left Polarizing
- 5**
= Right Polarizing

GUIDANCE

- (Only available with -4 or -5 polarizing)
(Leave Blank for None)
- L**
= Left Side Guide Pin
 - R**
= Right Side Guide Pin



STAGE COMBO

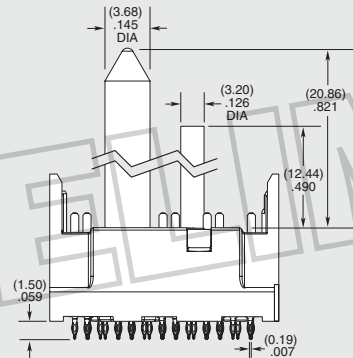
- 1**
= 3 mm Wipe Signal /
4 mm Wipe Ground
- 2**
= 2 mm Wipe Signal /
4 mm Wipe Ground
- 3**
= 3 mm Wipe Signal /
3 mm Wipe Ground
- 4**
= 2 mm Wipe Signal /
3 mm Wipe Ground
- 5**
= 2 mm Wipe Signal /
2 mm Wipe Ground

KEYING

- (Only available with
-4 or -5 polarizing)
(Leave Blank for None)
- A thru -H**
= Position of
flat on Key
(See table for Key)

END WALL

- (Leave Blank for
standard wall)
- T**
= Thick Wall



HDTM-4-04-1-S-VT-5-R-1-A SHOWN

GUIDANCE	KEYING							
-L/-R	-A	-B	-C	-D	-E	-F	-G	-H

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