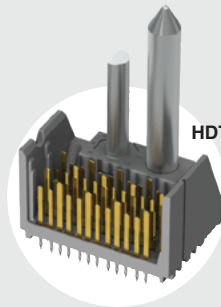
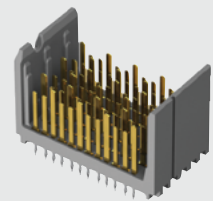


XCede HD



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

Insulator Material: Liquid Crystal Polymer
Contact Material: Phosphor Bronze
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

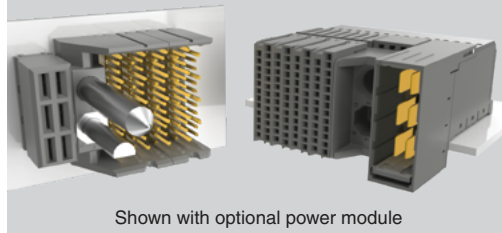
Mates with: HDTF, BSP
 (See HDTF for more information)

RECOGNITIONS

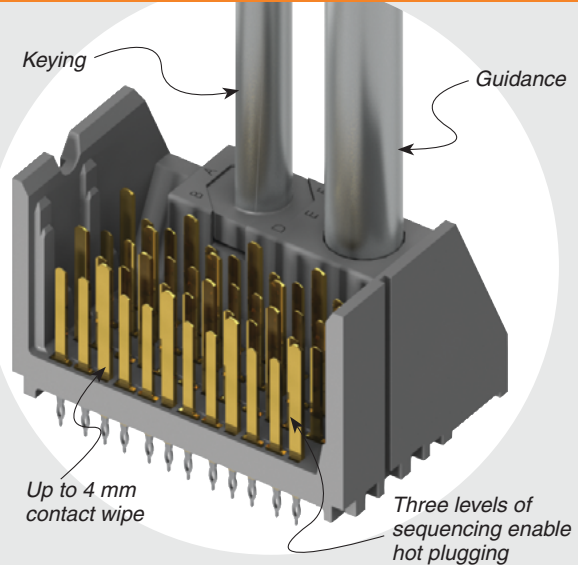
For complete scope of recognitions see www.samtec.com/quality



APPLICATION



Shown with optional power module



TOOLING

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

HDTM

PAIRS

NO. OF COLUMNS

TAIL SIZE

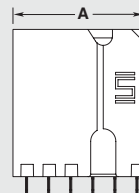
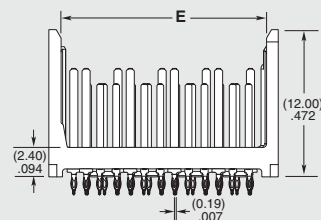
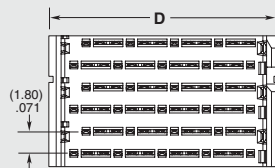
S

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	(8.06) .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

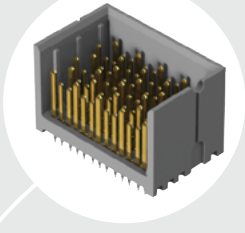
HDTM-4-06-1-S-VT-0-1 SHOWN

Note: XCede® is a registered trademark of Amphenol.

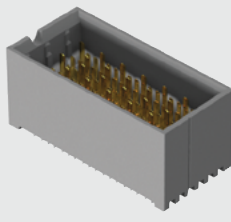
Due to technical progress, all designs, specifications and components are subject to change without notice.

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.

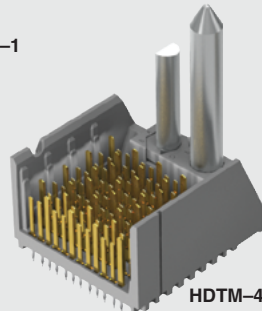
HDTM-4-06-1-S-VT-1-1



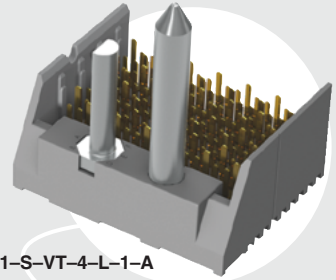
HDTM-6-06-1-S-VT-3-1-T



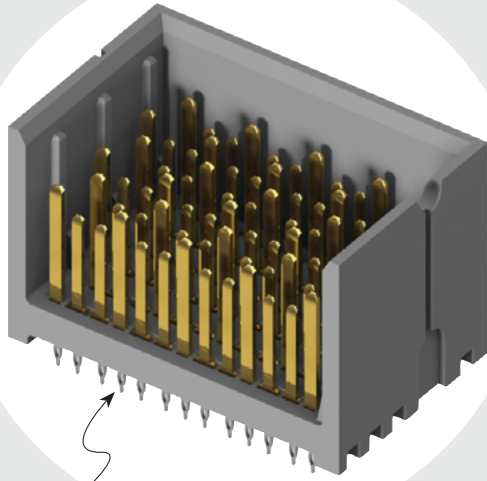
HDTM-4-08-1-S-VT-5-R-1-A



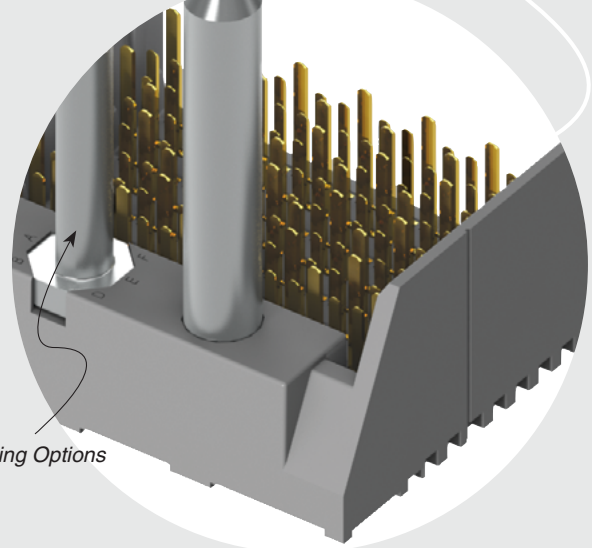
HDTM-6-08-1-S-VT-4-L-1-A



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

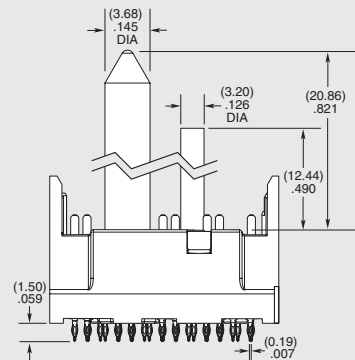
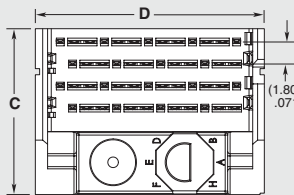
-5
= Right Polarizing

GUIDANCE

(Only available with -4 or -5 polarizing)
(Leave Blank for no guidance)

-L
= Left Side Guide Pin

-R
= Right Side Guide Pin



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

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
no keying)

-A
thru

-H
= Position of
flat on Key
(See table for Key)

END WALL

(Leave Blank for
standard wall)

-T
= Thick Wall

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

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