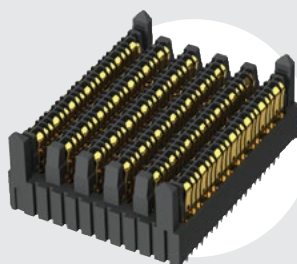
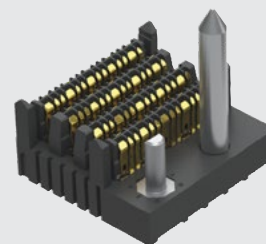


ExaMAX[®]

(2.00 mm) .0787"



EBTM-6-12-2.0-S-VT-1



EBTM-4-08-2.0-S-VT-1-L-G

ExaMAX[®] BACKPLANE SYSTEM

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?EBTM-VT or www.samtec.com?EBTM-RA

Insulator Material:

Liquid Crystal Polymer

Contact Material:

Copper Alloy

Plating:

Sn or Au over

50 μm (1.27 μm) Ni

Operating Temp Range:

-55 °C to +105 °C

Current Rating:

4.2 A per pin

(1 pin powered)

Contact Wipe:

2.4 mm

RoHS Compliant:

Yes

RECOGNITIONS

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



Mates with:
EBTF-RA

PAM 4

56
Gbps

APPLICATION



2.00 mm
column pitch

Provides
exceptionally
low mating
force while
maintaining
excellent
normal force

Press-fit
termination

Two reliable
points of contact
with 2.4 mm wipe

EBTM

NO. OF PAIRS
PER COLUMN

COLUMNS

COLUMN
PITCH

ALSO AVAILABLE (MOQ Required)

- Staging

TOOLING

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

GUIDANCE (EBTM-VT)	KEYING							
	-A	-B	-C	-D	-E	-F	-G	-H
-L /-R								

COLUMNS	A	B	C
-06	(11.90) .469	(10.00) .394	(18.35) .722
-08	(15.90) .626	(14.00) .551	(22.35) .880
-10	(19.90) .783	(18.00) .709	(26.35) 1.037
-12	(23.90) .941	(22.00) .866	(30.35) 1.195

-4 = 4 Pairs

-6 = 6 Pairs

-06

-08

-10

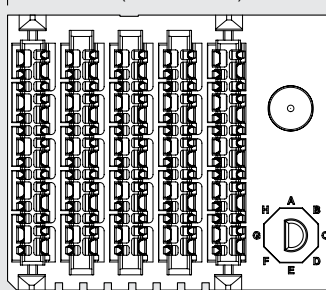
-12

(-6 pairs only)

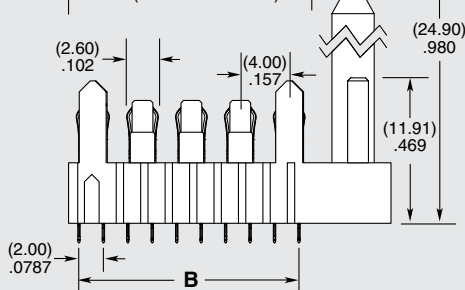
-2.0

= (2.0 mm)
.0787"

C (With Guidance)

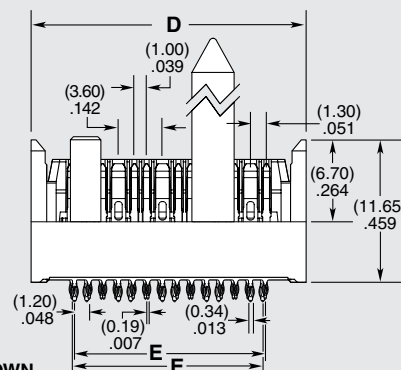


A (Without Guidance)



EBTM-4-10-2.0-S-VT-1-L-G SHOWN

NO. OF PAIRS PER COLUMN	D	E
-4	(22.50) .886	(15.60) .614
-6	(29.70) 1.169	(22.80) .898



Notes:

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

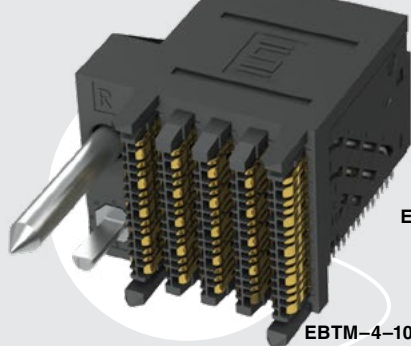
ExaMAX[®] is a registered trademark of AFCL.

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.

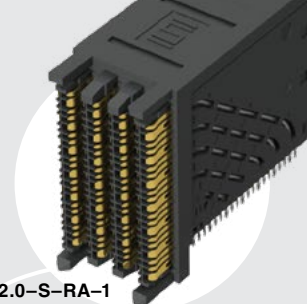
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.



EBTM-6-12-2.0-S-RA-1

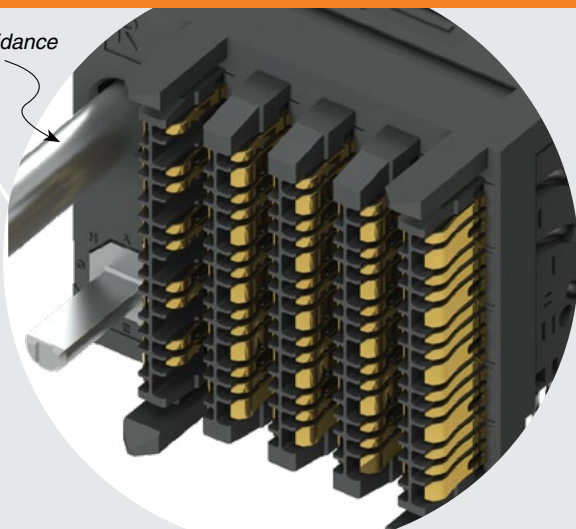


EBTM-6-08-2.0-S-RA-1

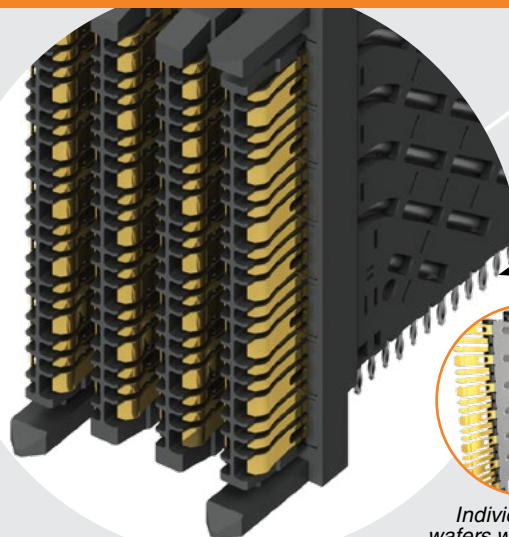


EBTM-VT, EBTM-RA SERIES

Guidance



Press-fit termination



Individual signal wafers with one-piece ground plane

PLATING

-S

= 30 μ " (0.76 μ m)
Gold on contact area,
Matte Tin on tail

ORIENTATION

-VT

= Vertical

-RA

= Right-angle

1

GUIDANCE

(Leave Blank for no Guidance)

-L = Left Guidance

-R = Right Guidance

KEYING

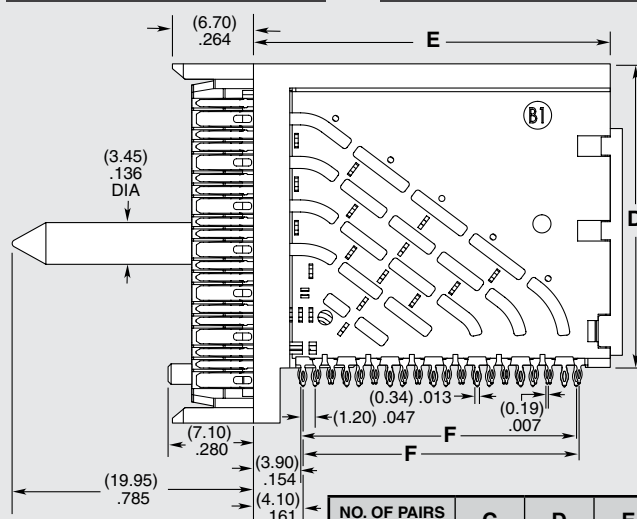
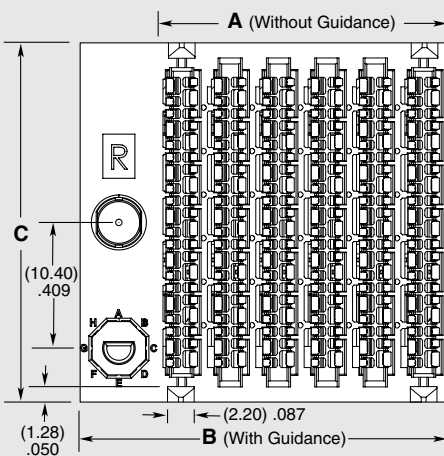
(Only available with -L or -R guidance)

(Leave Blank for no keying)

-A thru -H

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

COLUMNS	A	B
-06	(11.90) .469	(18.35) .722
-08	(15.90) .626	(22.35) .880
-10	(19.90) .783	(26.35) 1.037
-12	(23.90) .941	(30.35) 1.195



GUIDANCE (EBTM-RA)	KEYING							
	-A	-B	-C	-D	-E	-F	-G	-H
-R / -L								

EBTM-6-12-2.0-S-RA-1-R-A SHOWN

NO. OF PAIRS PER COLUMN	C	D	E	F
-4	(22.50) .886	(17.90) .705	(23.30) .917	(15.60) .614
-6	(29.70) 1.169	(25.10) .988	(30.50) 1.201	(22.80) .898

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

WWW.SAMTEC.COM

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[EBTM-6-12-2.0-S-VT-1-L](#)