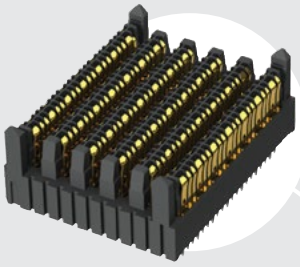
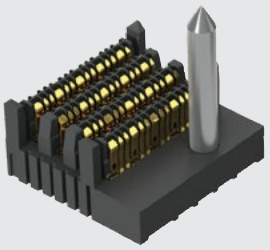
samtec



EBTM–6–12–2.0–S–VT–1



EBTM–4–08–2.0–S–VT–1–L

(2.00 mm) .0787"

ExaMAX® BACKPLANE SYSTEM

SPECIFICATIONS

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

Insulator Material:
Liquid Crystal Polymer
Contact Material:
Copper Alloy
Plating:
Sn or Au over
50 µ" (1.27 µm) Ni
Operating Temp Range:
-55 °C to +85 °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

FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Staging
- Keying

Contact Samtec.

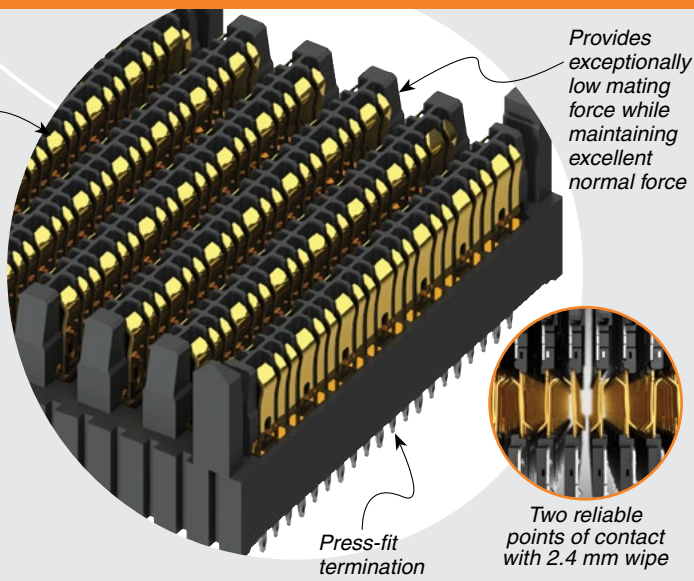
EBTM Mates with:
EBTF-RA

EBTF-RA Mates with:
EBTM, EBDM

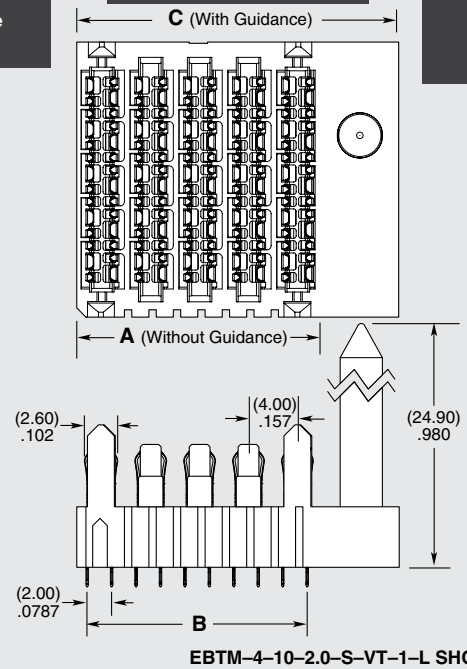
PAM4
56
Gbps

APPLICATION



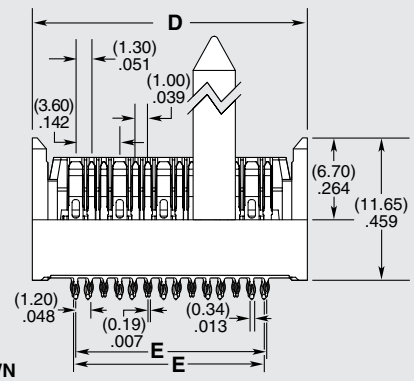


TYPE	NO. OF PAIRS PER COLUMN	COLUMNS	COLUMN PITCH
EBTM = Vertical Header **EBTF** = Right-Angle Receptacle	**–4** = 4 Pairs **–6** = 6 Pairs	**–06** **–08** **–10** **–12** (–6 only)	**–2.0** = (2.0 mm) .0787"



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) (.880)

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



EBTM–4–10–2.0–S–VT–1–L SHOWN

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

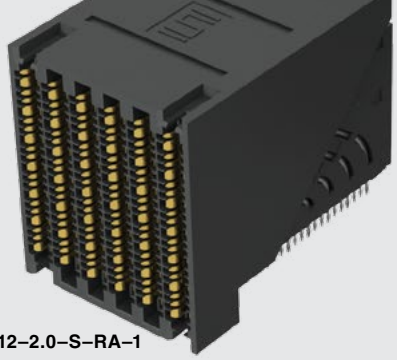
ExaMAX® is a registered trademark of AFCI.

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.



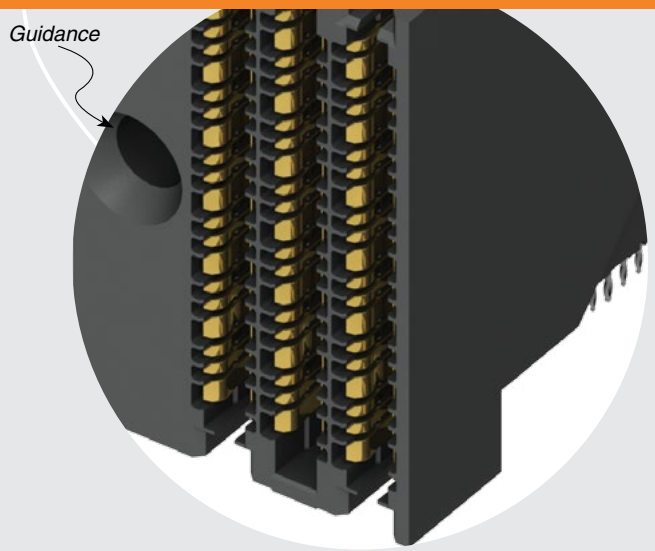
EBTF–6–6–2.0–S–RA–1–L

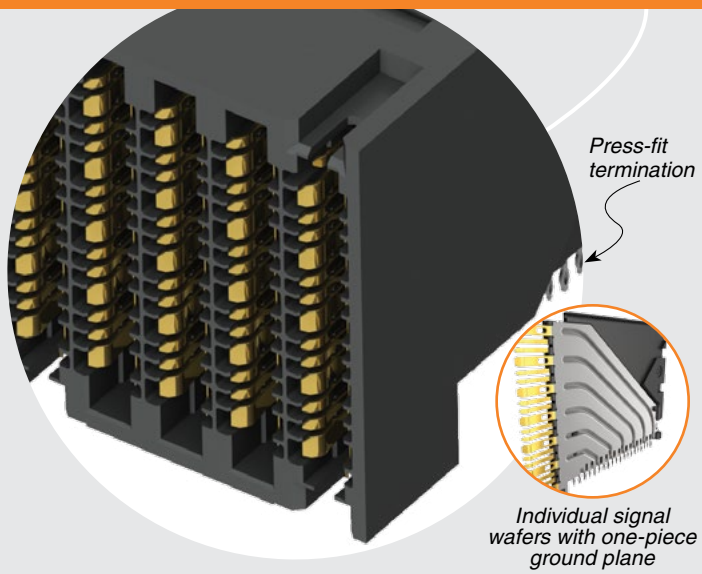


EBTF–6–12–2.0–S–RA–1



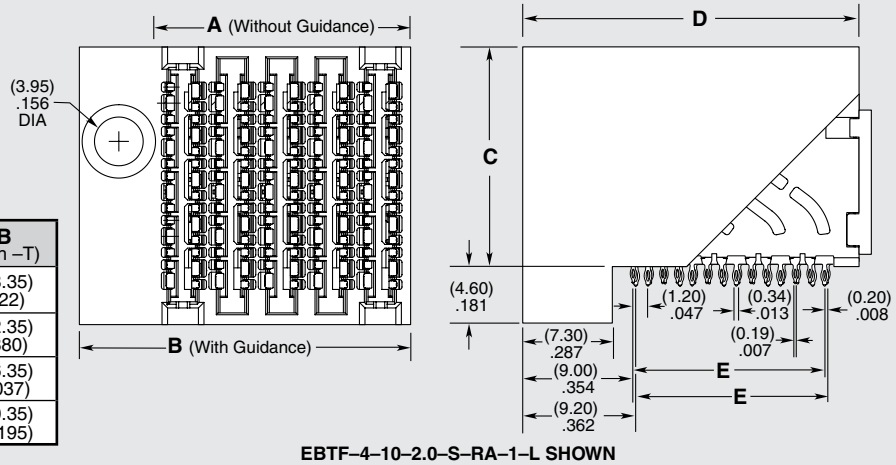
EBTF–4–10–2.0–S–RA–1





PLATING	ORIENTATION	1	GUIDANCE	END WALLS
–S = 30 µ" (0.76 µm) Gold on contact area, Matte Tin on tail	**–VT** = Vertical (EBTM only) **–RA** = Right-Angle (EBTF-RA only)		(Leave Blank for no Guidance) **–L** = Left Guidance **–R** = Right Guidance	(Leave Blank for Thick End Wall) **–T** = Thin Walls (EBTF-RA only)

NO. OF PAIRS PER COLUMN	C	D	E
–4	(17.90) .705	(28.40) 1.118	(22.80) .898
–6	(25.10) .988	(35.60) 1.402	(22.80) .898



EBTF–4–10–2.0–S–RA–1–L SHOWN

COLUMNS	A	A (with –T)	B	B (with –T)
–06	(12.90) .506	(11.90) .469	(18.85) .742)	(18.35) .722)
–08	(16.90) .665	(15.90) .626	(22.85) (.900)	(22.35) (.880)
–10	(20.90) .823	(19.90) .783	(26.85) 1.057)	(26.35) 1.037)
–12	(24.90) .980	(23.90) .941	(30.85) (1.215)	(30.35) (1.195)

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