

NO OF PAIRS PER COLUMN
-6: 6 PAIRS

COLUMNS
-06
-08
-10
-12

COLUMN PITCH
-2.0: 2.0 mm

PLATING
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA,
MATTE TIN ON TAIL

ORIENTATION
-VT: VERTICAL

KEYING: (ONLY AVAIL. WITH -L OR -R GUIDANCE)
BLANK: NO KEYING
-A THRU -H: DENOTES POSITION OF FLAT ON KEY
(SEE KEYING POSITION TABLE, SHT 4)

GUIDANCE
BLANK: NONE
-L: LEFT
-R: RIGHT

PIN CONFIGURATION
-1: STANDARD

DO NOT
SCALE FROM
THIS PRINT

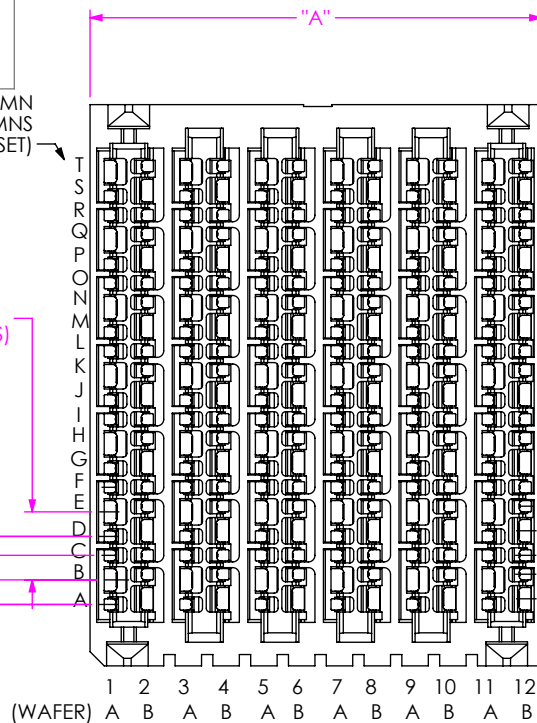
ODD COLUMN
(ODD & EVEN COLUMNS
ARE OFFSET)

3.60 [.142]
(GND CENTERS)

1.00 [.039]
(SIGNAL
PAIR CENTERS)

3.60 [.142]
(SIG CENTERS)

1.30 [.051]
(ROW A TO
FIRST GND)



3.60 [.142]
(SIG CENTERS)

1.00 [.039]
(SIGNAL
PAIR CENTERS)

1.30 [.051]
(ROW A TO
FIRST SIGNAL)

3.60 [.142]
(GND CENTERS)

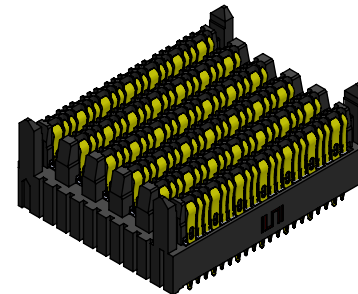


TABLE 1

COLUMN	"A"	"B"
-06	11.90 [0.469]	10.00 [0.394]
-08	15.90 [0.626]	14.00 [0.551]
-10	19.90 [0.783]	18.00 [0.709]
-12	23.90 [0.941]	22.00 [0.866]

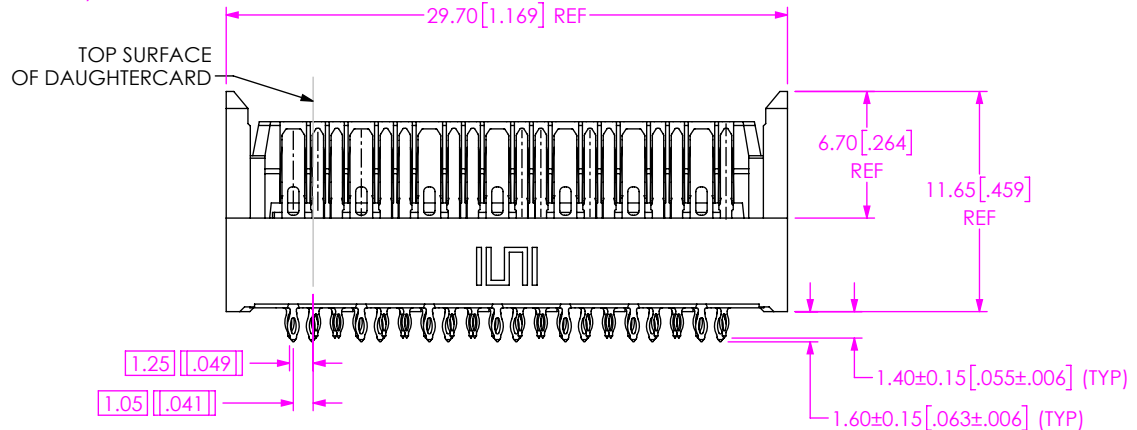
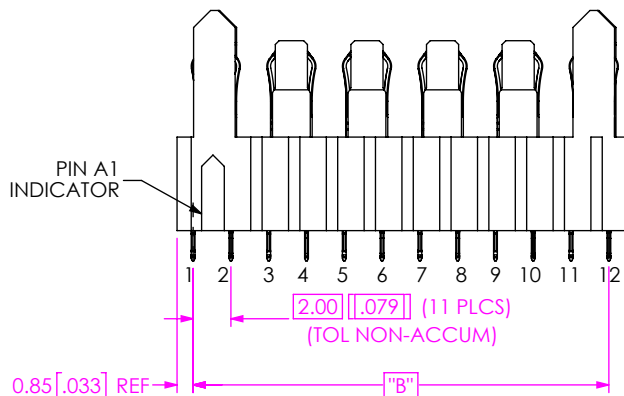


FIG 1
EBTM-6-12-2.0-X-VT-1 SHOWN

NOTES:

1. MINIMUM PUSHOUT FORCE: 2.22N[.5 LB]
2. CONTACT SAMTEC FOR CONNNECTOR PRESS FIT INSTRUCTIONS AND REQUIRED FIXTURES.
3. TRAYS TO BE STANDARD PACKAGING.
4. ALL PARTS TO BE 100% ELECTRICALLY TESTED FOR SHORTS AND OPENS.
5. ALL PARTS TO BE 100% HI-POT TESTED AT 700VDC.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN
MILLIMETERS [INCHES].

TOLERANCES ARE:

DECIMALS ANGLES
X.X: ±0.3 [.01] 2°
X.XX: ±0.10 [.004]
X.XXX: ±0.050 [.0019]

PROPRIETARY NOTE

THIS DOCUMENT CONTAINS CONFIDENTIAL AND
PROPRIETARY INFORMATION AND ALL DESIGN,
MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS
AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC,
INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE
OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR
REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC, INC.

MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 3:1

INSULATOR: LCP, COLOR: BLACK
CONTACT: COPPER ALLOY
WAFER: LCP, COLOR: BLACK

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
EXAMAX™ VERTICAL HEADER ASSEMBLY

DWG. NO.
EBTM-6-XX-2.0-X-VT-X-X-X

BY: J. BROWNING 11/17/2014 SHEET 1 OF 3

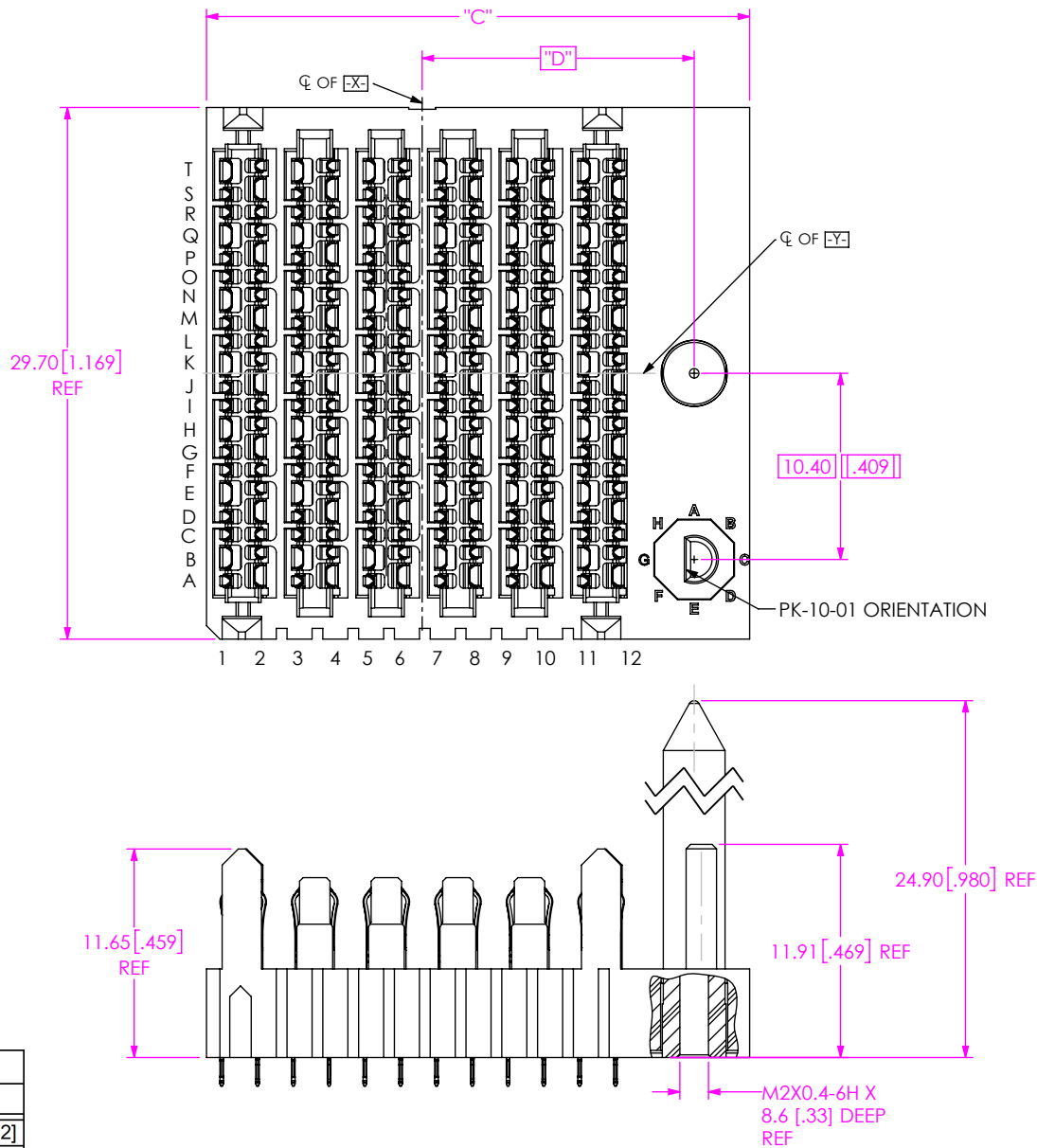


FIG 6
EBTM-6-12-2.0-X-VT-1-L-G SHOWN
(EXCEPT AS SHOWN, SAME AS FIG 1)

TABLE 2		
COLUMN	"C"	"D"
-06	18.35 [0.722]	9.20 [0.362]
-08	22.35 [0.880]	11.20 [0.441]
-10	26.35 [1.037]	13.20 [0.520]
-12	30.35 [1.195]	15.20 [0.598]

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

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

samtec
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
EXAMAX™ VERTICAL HEADER ASSEMBLY

DWG. NO.
EBTM-6-XX-2.0-X-VT-X-X-X

BY: J. BROWNING 11/17/2014 SHEET 2 OF 3

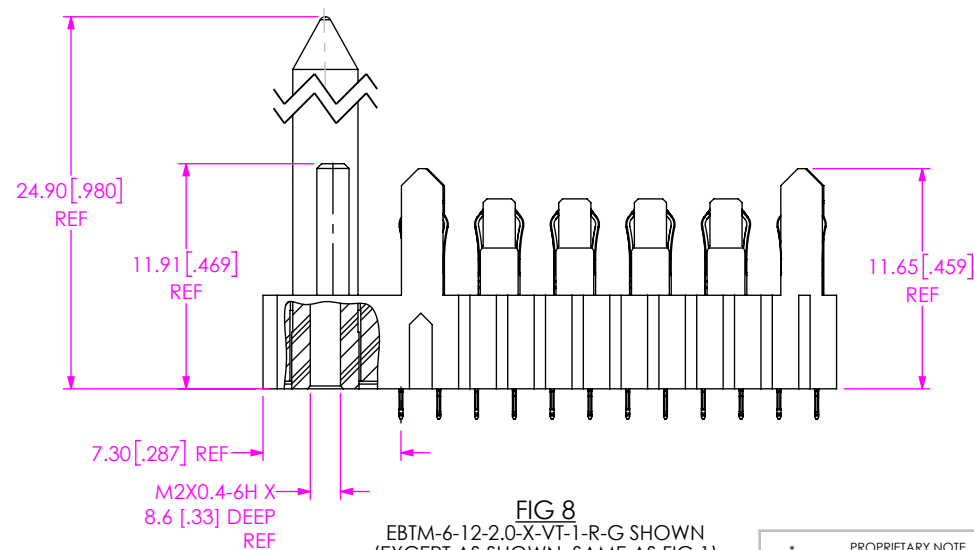
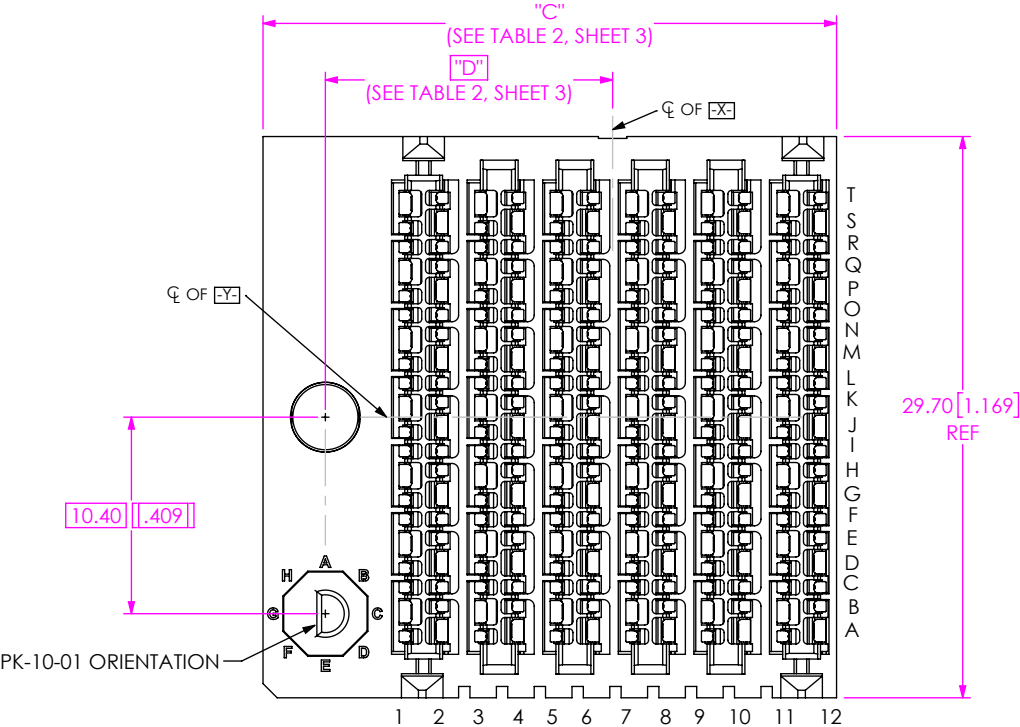


FIG 8
EBTM-6-12-2.0-X-VT-1-R-G SHOWN
(EXCEPT AS SHOWN, SAME AS FIG 1)

PROPRIETARY NOTE
THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND ALL DESIGN, MANUFACTURING, REPRODUCTION, USE, PATENT RIGHTS AND SALES RIGHTS ARE EXPRESSLY RESERVED BY SAMTEC, INC. THIS DOCUMENT SHALL NOT BE DISCLOSED, IN WHOLE OR PART, TO ANY UNAUTHORIZED PERSON OR ENTITY NOR REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY OTHER PROJECT IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF SAMTEC, INC.

DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1



520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION:
EXAMAX™ VERTICAL HEADER ASSEMBLY

DWG. NO.
EBTM-6-XX-2.0-X-VT-X-X-X

BY: J. BROWNING 11/17/2014 SHEET 3 OF 3