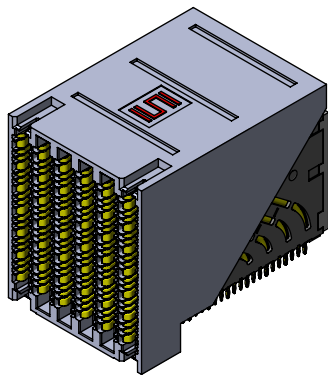


DO NOT
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THIS PRINT



DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

EBTF-6-XX-2.0-X-RA-X-X-X-X

NO OF PAIRS PER COLUMN

-6

COLUMNS

**-.06

**-.08

**-.10

-12

COLUMN PITCH

-2.0: 2.0 mm

PLATING SPECIFICATION

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

ORIENTATION

-RA: RIGHT ANGLE

(* = NOT TOOLED)
(** = NOT RELEASED)

OPTIONS

BLANK: THICK END WALLS
-T: THIN END WALLS

KEYING

(ONLY AVAILABLE WITH -L OR -R GUIDANCE)

BLANK: NO KEYING

* -A THRU -H: DENOTES POSITION OF FLAT ON KEY
(SEE TABLE 1, SHT 5)

GUIDANCE

BLANK: NONE

** -L: LEFT (SEE FIG 6, SHT 6)

** -R: RIGHT (SEE FIG 5, SHT 5)

PIN CONFIGURATION

-1: STANDARD

*-2: ADVANCED MATE (SEE FIG 2, SHT 4)

*-3: SHORT DETECT (SEE FIG 3, SHT 4)

*-4: ADVANCED MATE AND SHORT DETECT
(SEE FIG 4, SHT 4)

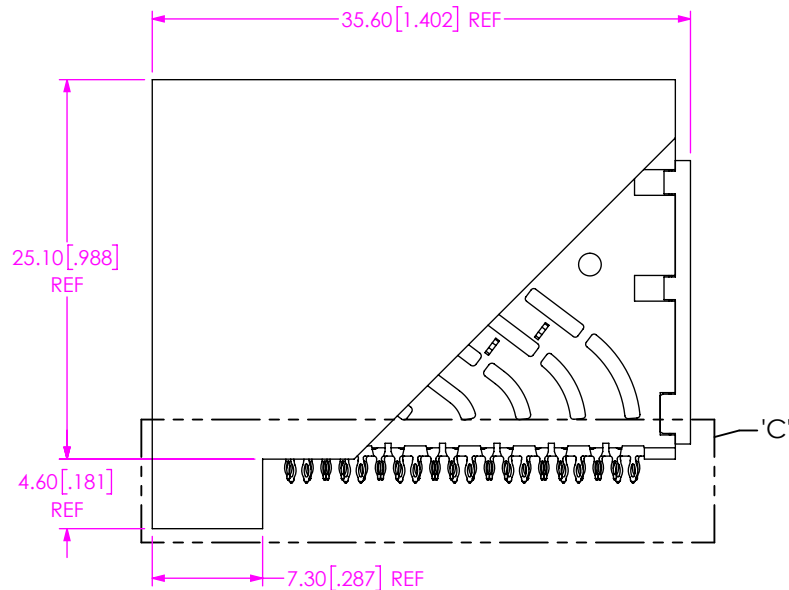
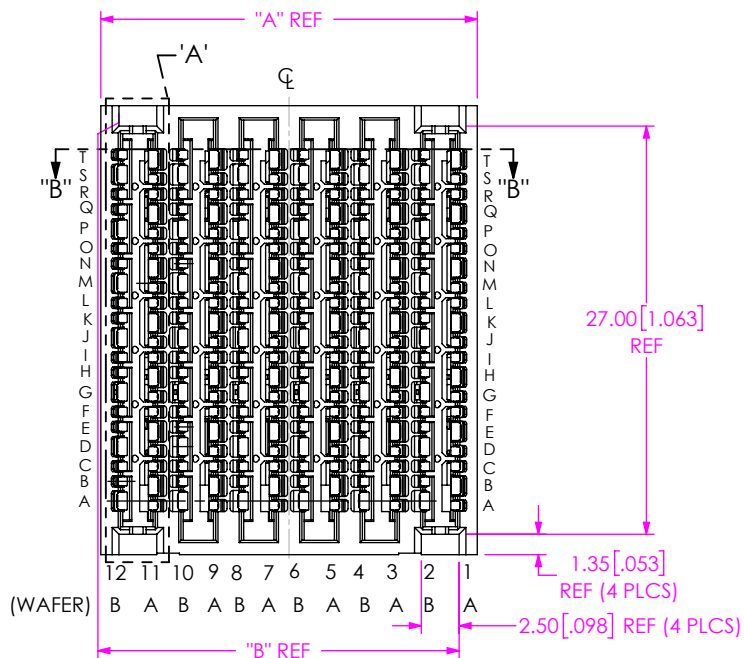


TABLE 1

COLUMNS	"A"	"A" (WITH -T OPTION)	"B"	"C"	"D"	"E"
**-.06	12.90 [0.508]	11.90 [0.469]	10.50 [0.413]	8.00 [0.315]	10.00 [0.394]	5.20 [0.205]
**-.08	16.90 [0.665]	15.90 [0.626]	14.50 [0.571]	12.00 [0.472]	14.00 [0.551]	7.20 [0.283]
**-.10	20.90 [0.823]	19.90 [0.783]	18.50 [0.728]	16.00 [0.630]	18.00 [0.709]	9.20 [0.362]
-12	24.90 [0.980]	23.90 [0.941]	22.50 [0.886]	20.00 [0.787]	22.00 [0.866]	11.20 [0.441]

(** = NOT RELEASED)

NOTES:

1. MINIMUM PUSHOUT FORCE: 2.22N [0.5 LB].
2. CONTACT SAMTEC FOR CONNECTOR PRESS FIT INSTRUCTIONS.
3. TRAYS TO BE STANDARD PACKAGING.

FIG 1
EBTF-6-12-2.0-X-RA-1 SHOWN

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.

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MATERIAL: DO NOT SCALE DRAWING

SHEET SCALE: 2.5:1

INSULATOR: LCP, UL 94-V0; COLOR: BLACK
CONTACT: COPPER ALLOY
SHIELD: COPPER ALLOY

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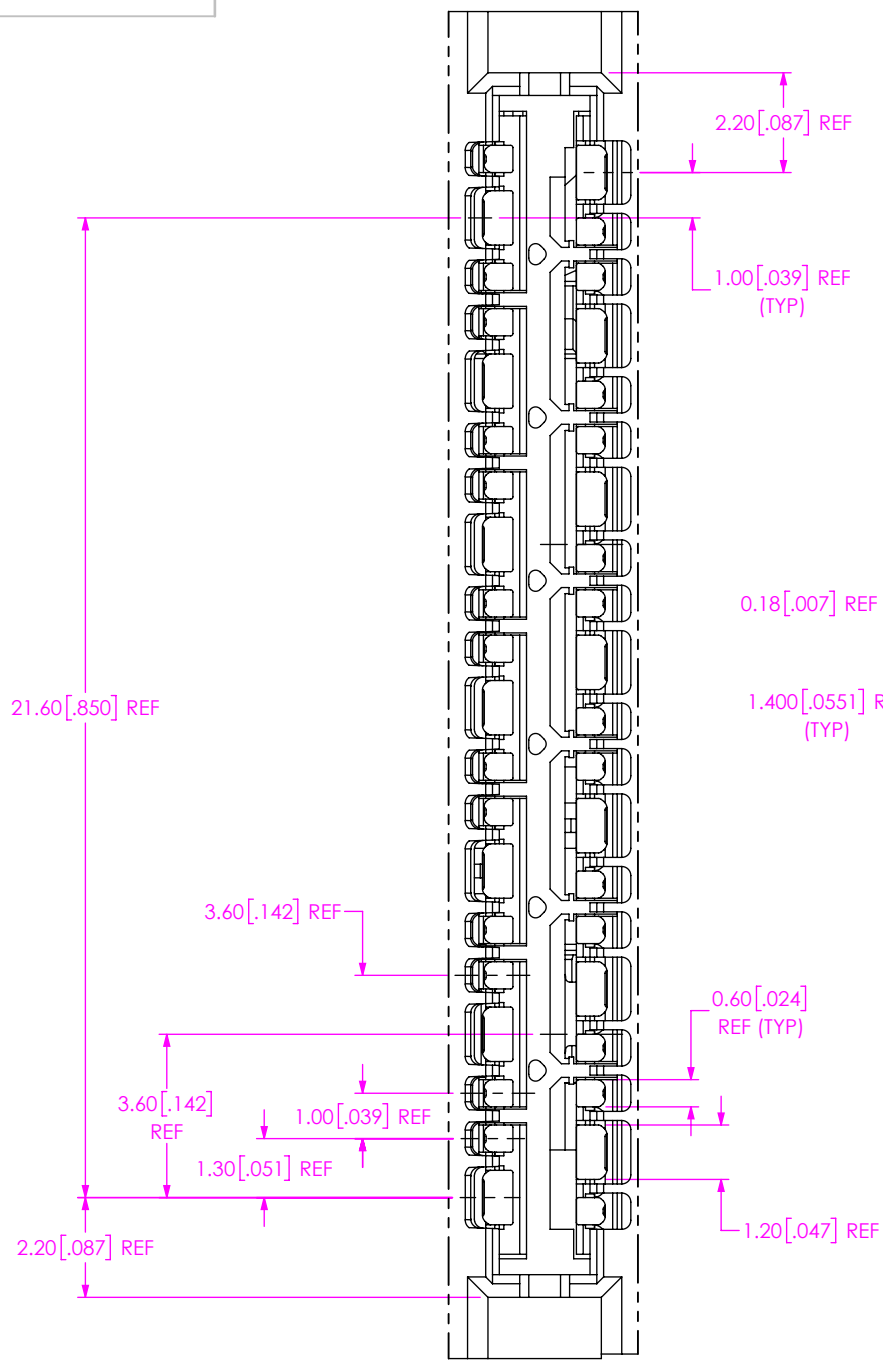
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PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

DESCRIPTION:
EXAMAX™ RIGHT ANGLE RECEPTACLE ASSEMBLY

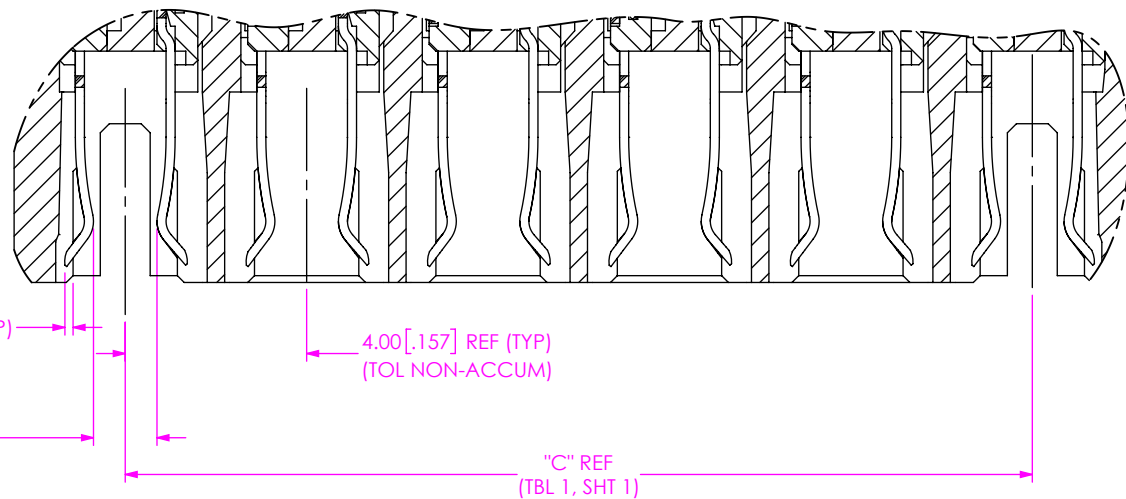
DWG. NO.

EBTF-6-XX-2.0-X-RA-X-X-X-X

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DETAIL 'A'
SCALE 6 : 1



SECTION "B"- "B"
SCALE 6 : 1

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SHEET SCALE: 2:1

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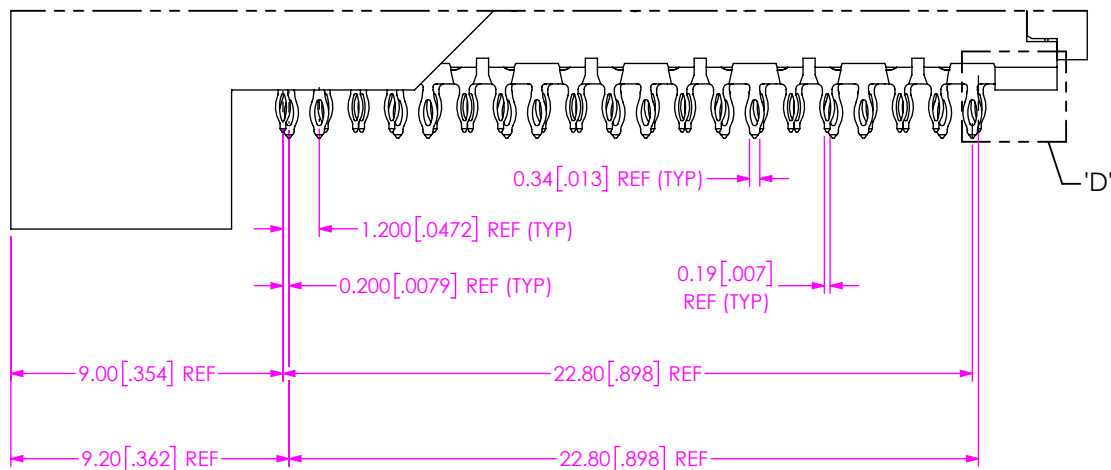
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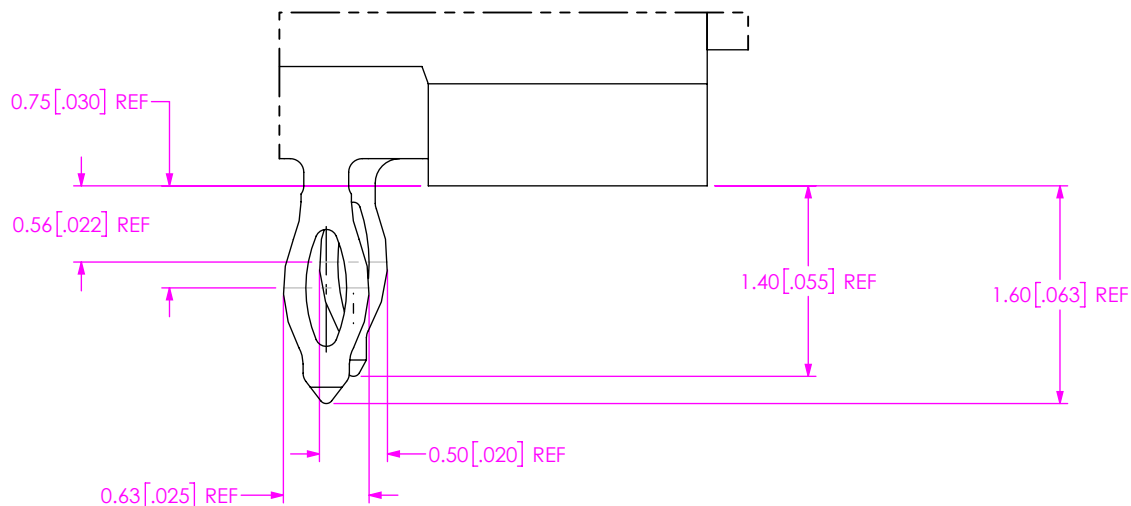
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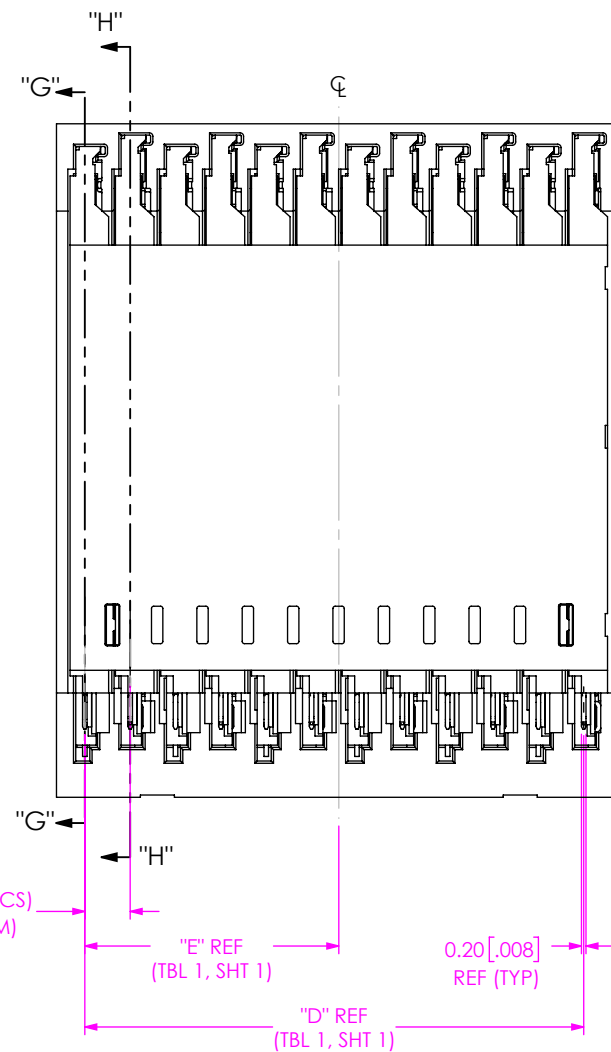
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DETAIL 'C'
SCALE 4 : 1



DETAIL 'D'
SCALE 18 : 1



BACK VIEW

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SHEET SCALE: 3:1

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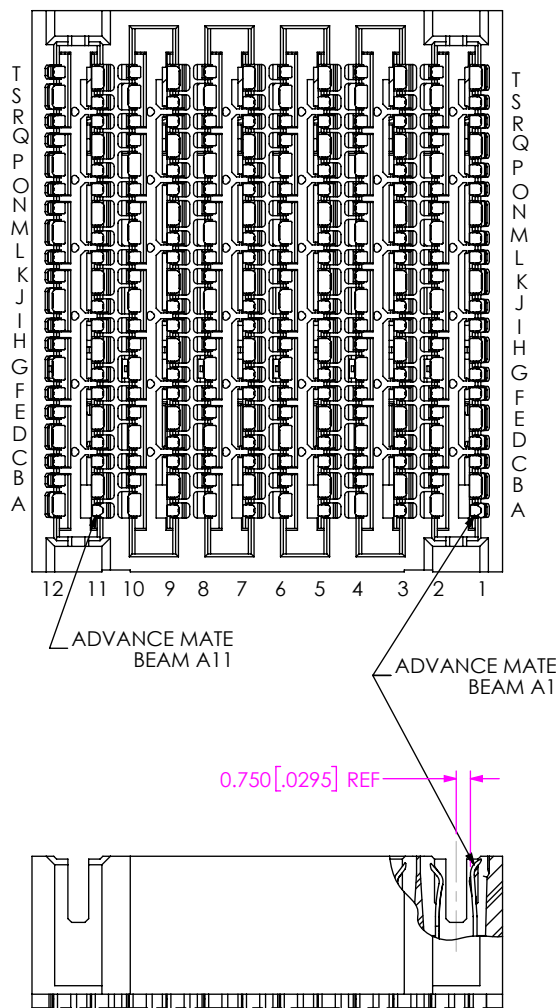


FIG 2
ADVANCED MATE
EBTF-6-12-2.0-X-RA-2 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(NOT TOOLED)

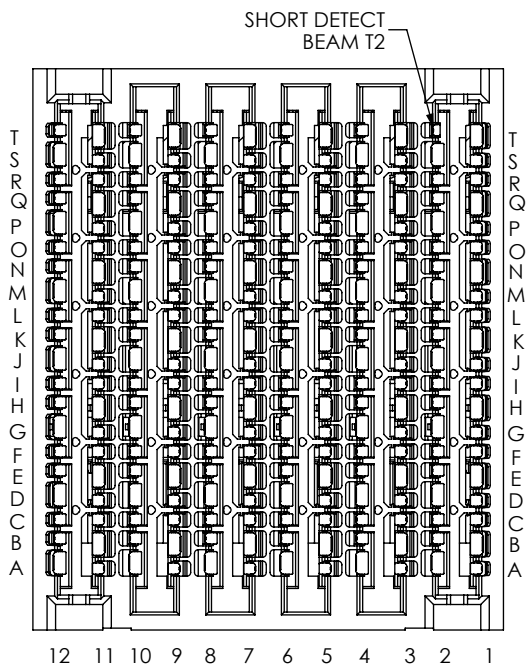


FIG 3
SHORT DETECT
EBTF-6-12-2.0-X-RA-3 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(NOT TOOLED)

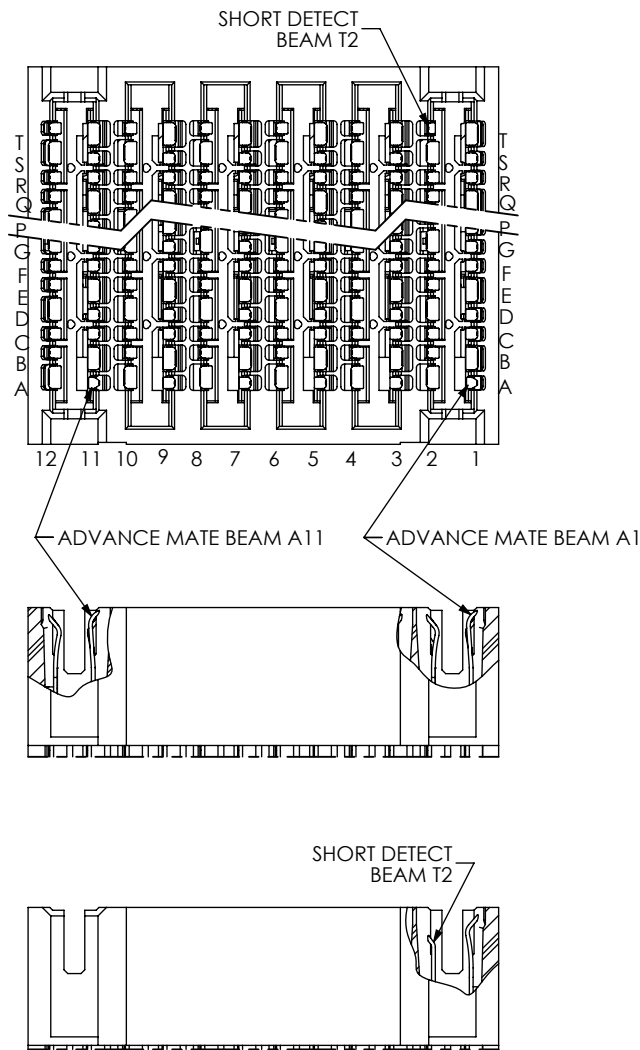


FIG 4
ADVANCED MATE AND SHORT DETECT
EBTF-6-12-2.0-X-RA-4 SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 2 & 3)
(NOT TOOLED)

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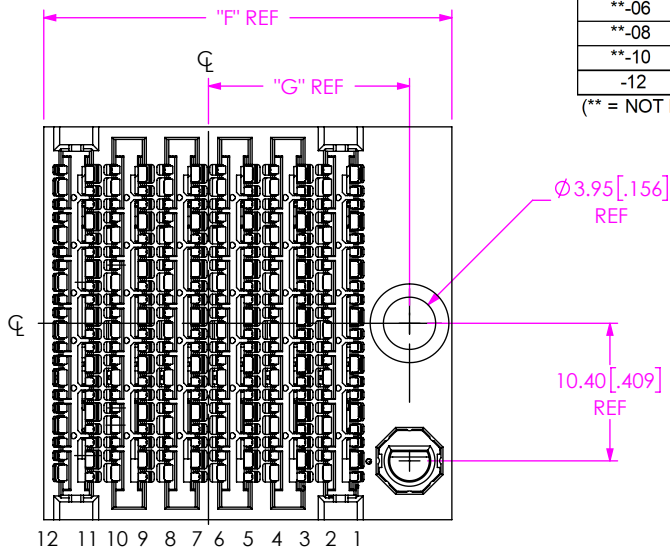


TABLE 2					
COLUMNS	"F"		"F" (WITH -T OPTION)		"G"
**-.06	18.85	[0.742]	18.35	[0.722]	9.20 [0.362]
**-.08	22.85	[0.900]	22.35	[0.880]	11.20 [0.441]
**-.10	26.85	[1.057]	26.35	[1.037]	13.20 [0.520]
-.12	30.85	[1.215]	30.35	[1.195]	15.20 [0.598]

(** = NOT RELEASED)

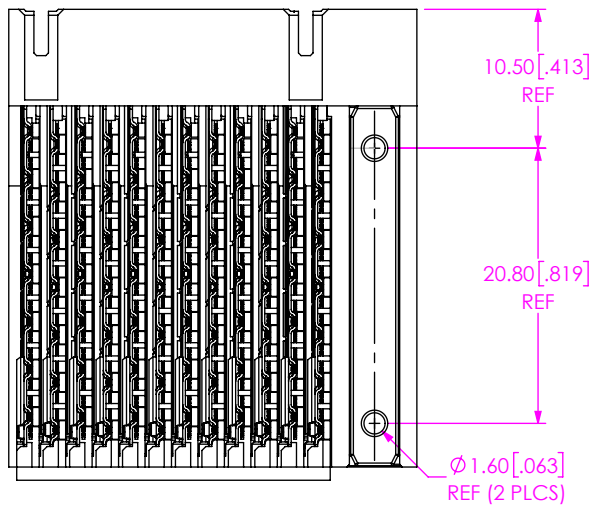
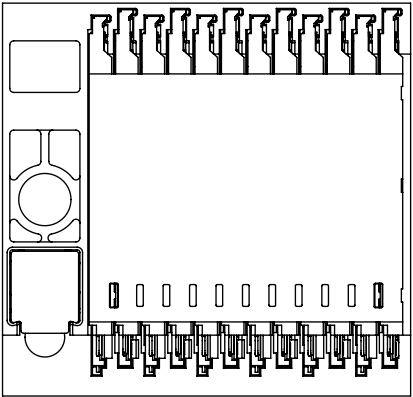
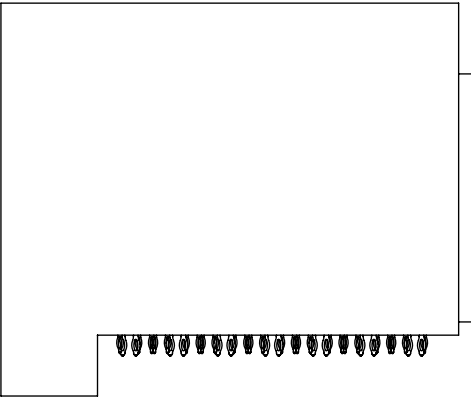


FIG 5
RIGHT GUIDANCE
EBTF-6-12-2.0-X-RA-X-R-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
(NOT RELEASED)

TABLE 1								
GUIDANCE	KEYING							
-R / -L	-A	-B	-C	-D	-E	-F	-G	-H

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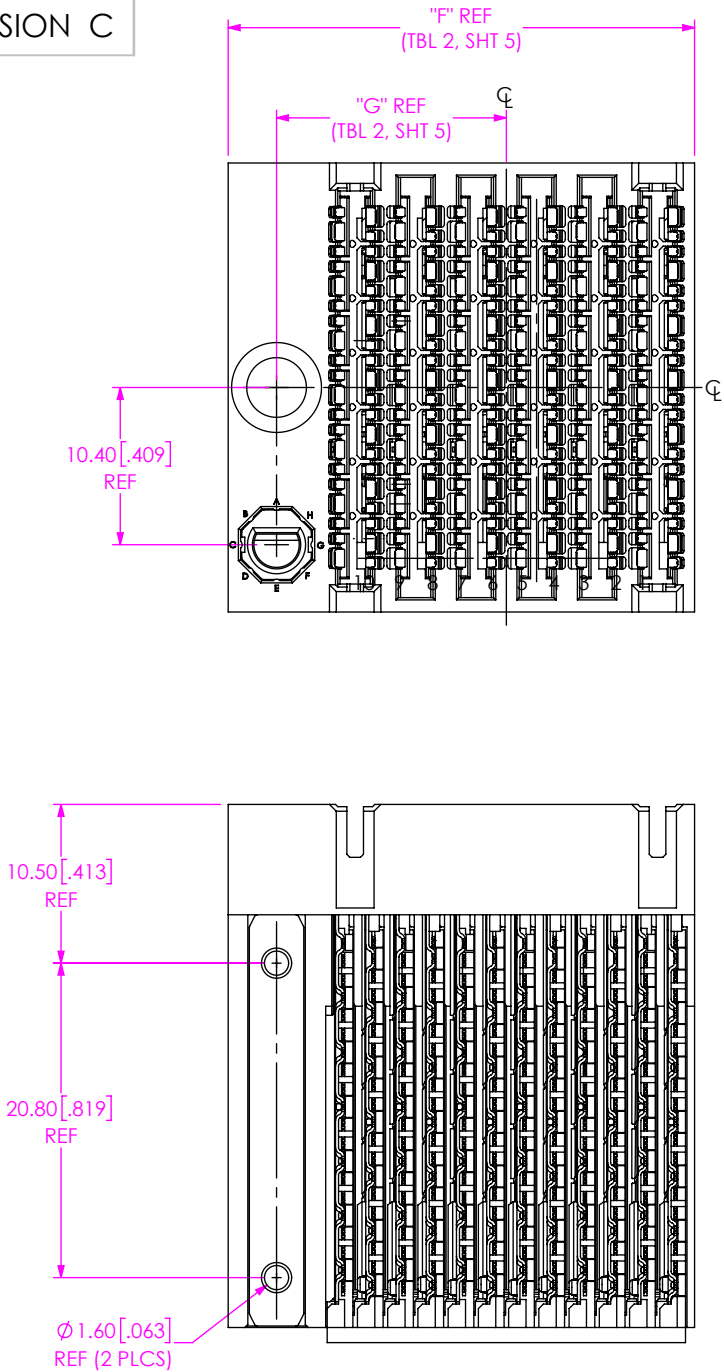
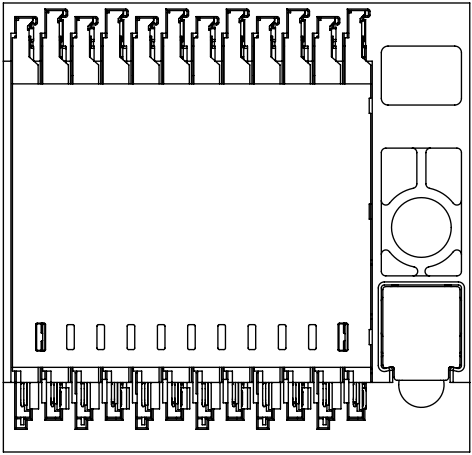
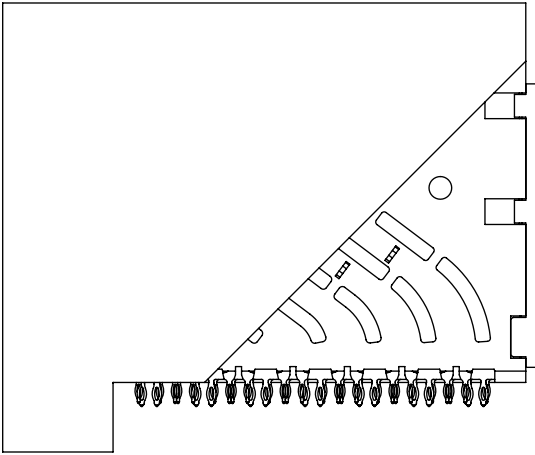


FIG 6
LEFT GUIDANCE
EBTF-6-12-2.0-X-RA-X-L-A SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 5)
(NOT RELEASED)



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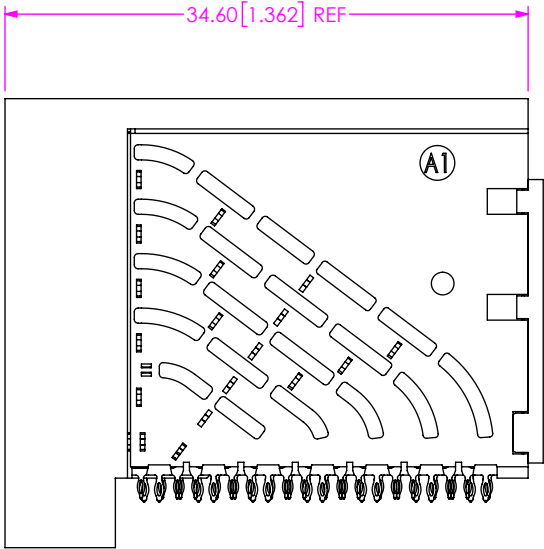
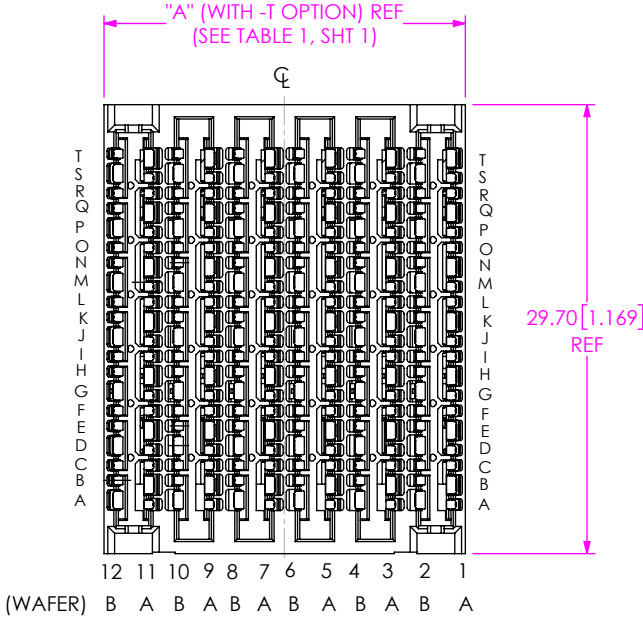
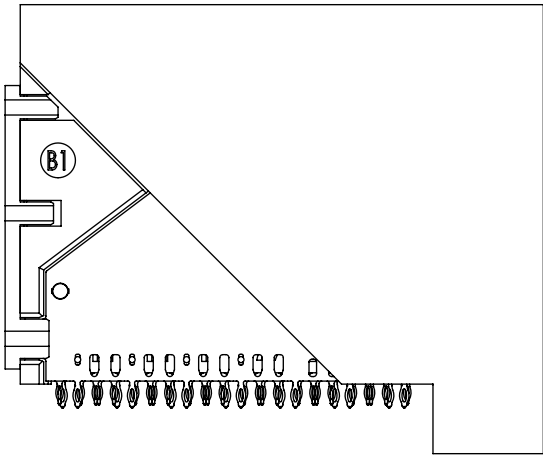
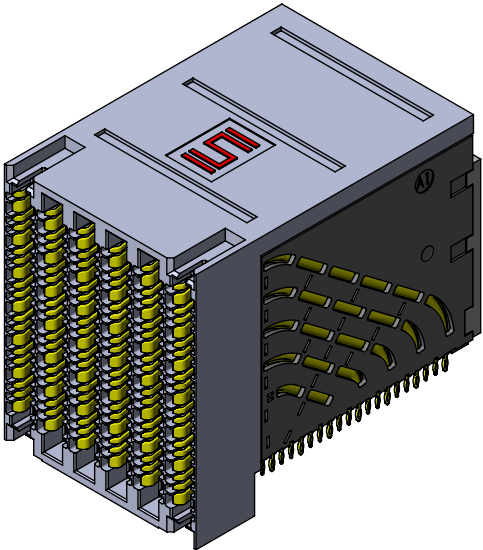
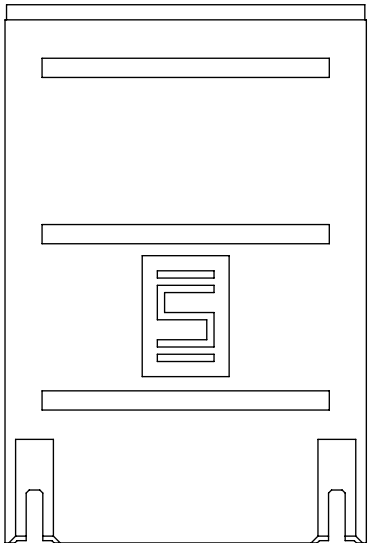


FIG 7
-T (THIN END WALLS VERSION)
EBTF-6-12-2.0-X-RA-X-T SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

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