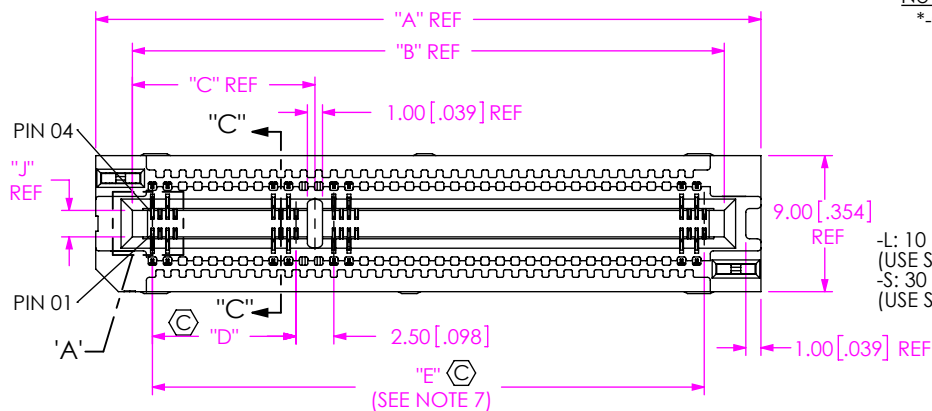


DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

BEC5C-XXX-XX-X-XX-X-V-A-X

DO NOT
SCALE FROM
THIS PRINT

NO OF POSITIONS PER ROW
*-030, -040, -050, -060, -070,
(SEE NOTE 6)

CARD THICKNESS
-02 (1.57mm [.062] PCB)
-03 (2.36 mm [.093] PCB)

PLATING SPECIFICATION

-L: 10 μ " SELECTIVE GOLD, FLASH GOLD ON TAIL
(USE SUB-C351-XX-XX-L & SUB-C-352-XX-XX-L)
-S: 30 μ " SELECTIVE GOLD, FLASH GOLD ON TAIL
(USE SUB-C351-XX-XX-S & SUB-C-352-XX-XX-S)

TAIL OPTION

-SM: SOLDER CRIMP

(* = NOT TOOLED)

OPTIONS

-K: POLYIMIDE FILM
(SEE FIG 2, SHT 2)

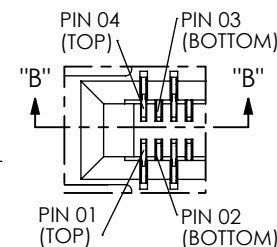
ALIGNMENT PINS

-A: ALIGNMENT PINS

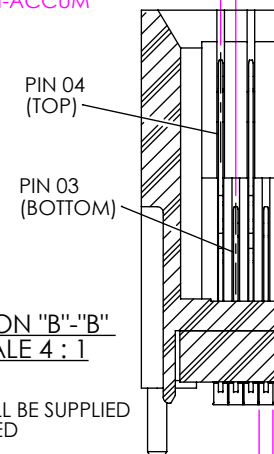
VERTICAL

SOLDER COMPOSITION & STYLE (C)

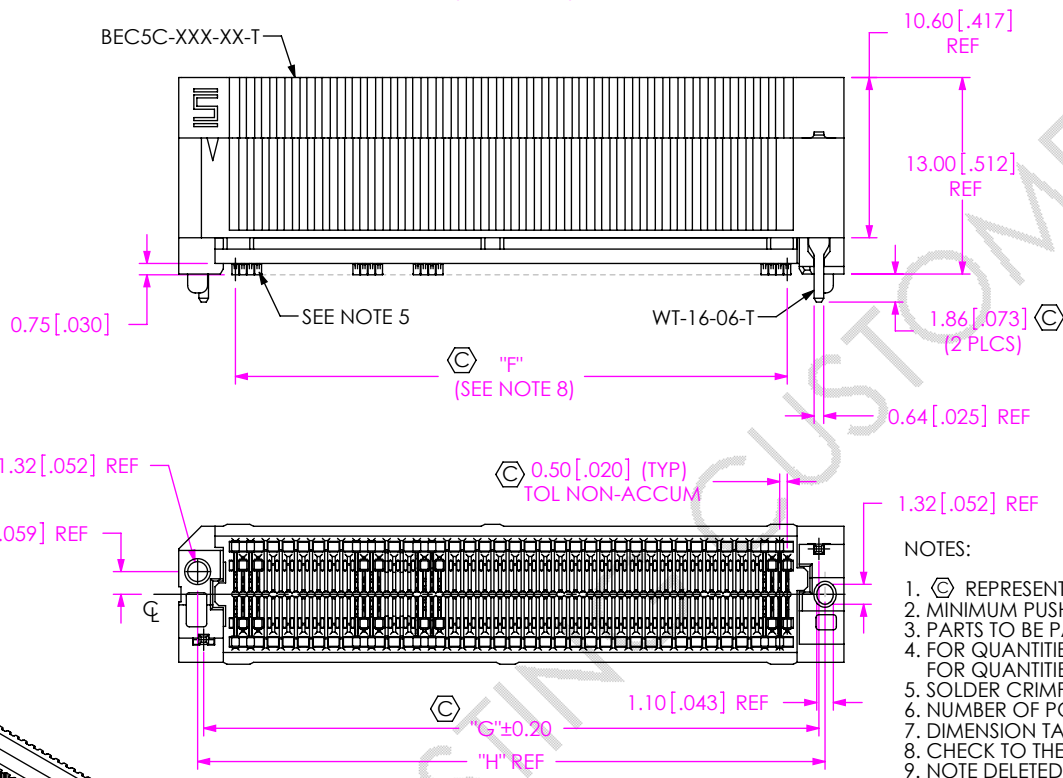
* -1: 63% TIN / 37% LEAD CRIMP TAIL
(USE SUB-C-351-XX-X-1 & SUB-C-352-XX-X-1)
-2: 96.5% TIN / 3.5% SILVER LEAD FREE
CRIMP TAIL
(USE SUB-C-351-XX-X-2 & SUB-C-352-XX-X-2)

DETAIL 'A'
SCALE 4 : 1

0.500 $\pm$ 0.100 [.0197 $\pm$.004] (TYP)
TOL NON-ACCUM

SECTION "B"- "B"
SCALE 4 : 1

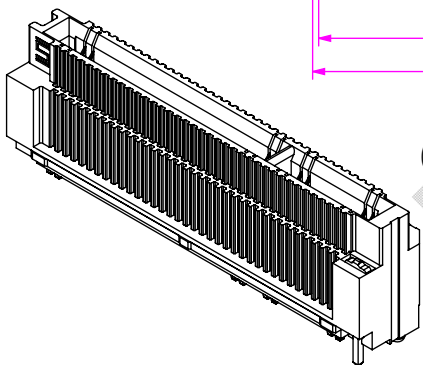
0.46 [.018] REF



NOTES:

1. (C) REPRESENTS A CRITICAL DIMENSION.
2. MINIMUM PUSHOUT FORCE: 1.40 N [.32 LB].
3. PARTS TO BE PACKAGED IN TAPE AND REEL AS STANDARD.
4. FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER OR REEL WILL BE SUPPLIED
FOR QUANTITIES OF 50-124, NO LEADER OR TRAILER WILL BE SUPPLIED
5. SOLDER CRIMP VOLUME IS .20058 MM³ (0.000012691 IN³)
6. NUMBER OF POSITIONS EQUALS TOTAL NUMBER OF CIRCUITS PER ROW.
7. DIMENSION TAKEN BETWEEN TOP AND BOTTOM PINS.
8. CHECK TO THE LEAD AND NOT THE SOLDER CRIMP.
9. NOTE DELETED.

FIG 1
(BEC5C-070-02-X-SM-X-V-A SHOWN)
(CENTER FEATURES REMOVED FOR CLARITY)



F:\DWG\MISC\MKTG\BEC5C-XXX-XX-X-XX-X-V-A-X-MKT.SLDDRW

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS [INCHES]

TOLERANCES ARE:

DECIMALS ANGLES
X.X: $\pm$ 0.3 [.01] 2°
X.XX: $\pm$ 0.13 [.005]
X.XXX: $\pm$ 0.051 [.0020]

MATERIAL:

DO NOT SCALE DRAWING

SHEET SCALE: 2:1

INSULATOR: LCP UL 94 V-0, COLOR: BLACK
CONTACT: COPPER ALLOY
WELD TAB: BRASS

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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:

BEC5C ASSEMBLY

DWG. NO.

BEC5C-XXX-XX-X-XX-X-V-A-X

BY: ROY LUO 11/1/2010

SHEET 1 OF 2

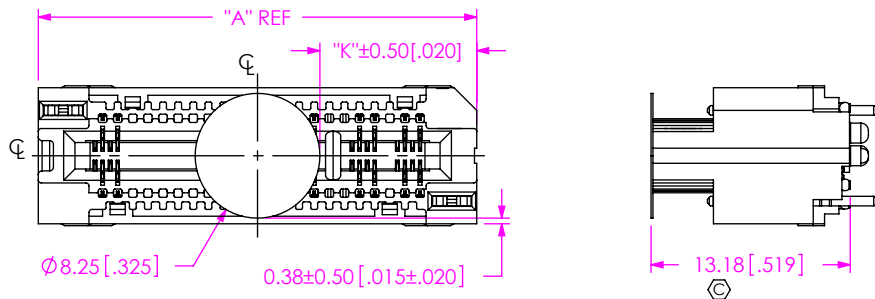
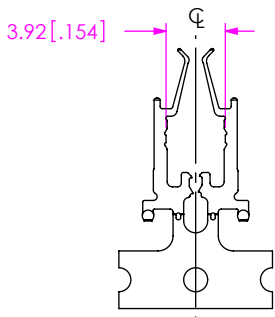
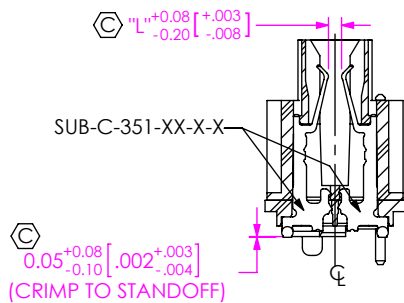


FIG 2
-K: POLYIMIDE PAD
(USE K-DOT-325-.450-.005)
(BEC5C-040-02-X-SM-X-V-A SHOWN)
(CENTER FEATURES REMOVED FOR CLARITY)

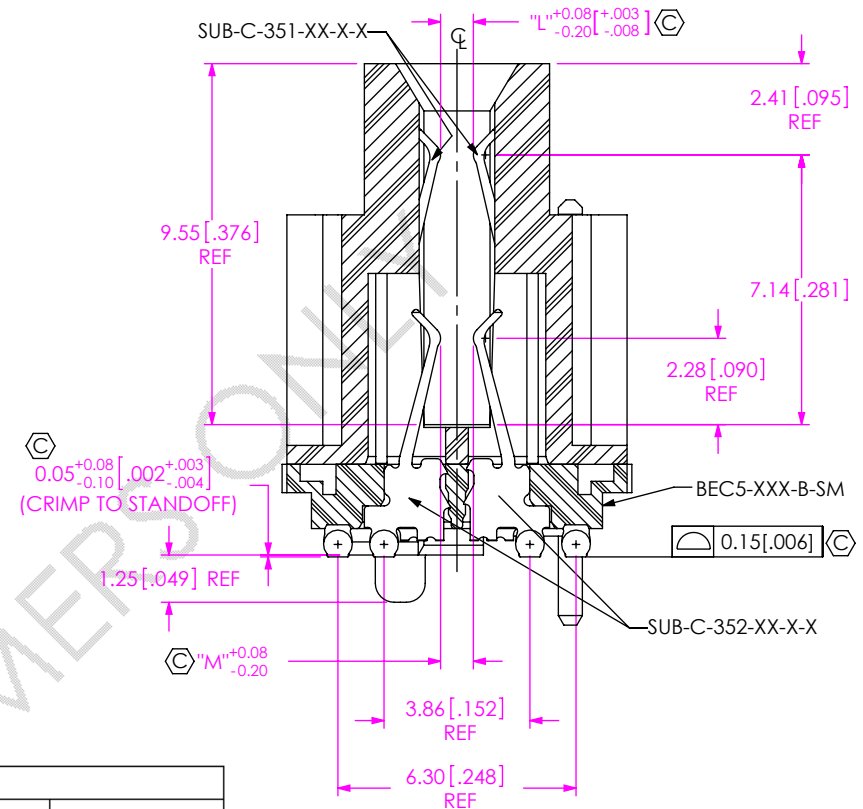


IN-PROCESS 1
(CUT TIE BAR FOR
SUB-C-351-XX-XX-X-X)



IN-PROCESS 2
(FILL SUB-C-351-XX-XX-X-X)

TABLE 3					
LEAD STYLE	"J"	"L" (TOP GAP)	"M" (BOTTOM GAP)		
-02	1.75 [0.069]	0.87 [0.034]	0.87 [0.034]		
-03	2.65 [0.104]	1.66 [0.065]	1.66 [0.065]		



SECTION "C"-"C"
SCALE 5:1

TABLE 1									
NO OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"	"K"
*-030	24.00 [0.945]	19.15 [0.754]	7.08 [0.279]	4.50 [0.177]	16.50 [0.650]	16.50 [0.650]	20.70 [0.815]	21.50 [0.846]	5.38 [0.212]
-040	29.00 [1.142]	24.15 [0.951]	7.08 [0.279]	4.50 [0.177]	21.50 [0.846]	21.50 [0.846]	25.70 [1.012]	26.50 [1.043]	10.38 [0.408]
-050	34.00 [1.339]	29.15 [1.148]	7.08 [0.279]	4.50 [0.177]	26.50 [1.043]	26.50 [1.043]	30.70 [1.209]	31.50 [1.240]	12.88 [0.507]
-060	39.00 [1.535]	34.15 [1.344]	12.08 [0.475]	9.50 [0.374]	31.50 [1.240]	31.50 [1.240]	35.70 [1.406]	36.50 [1.437]	15.38 [0.605]
-070	44.00 [1.732]	39.15 [1.541]	12.08 [0.475]	9.50 [0.374]	36.50 [1.437]	36.50 [1.437]	40.70 [1.602]	41.50 [1.634]	17.88 [0.704]

(* = NOT TOOLED)

TABLE 2					
LEAD STYLE	TOP BODY	BOTTOM BODY	TOP CONTACT	BOTTOM CONTACT	WELD TAB
-02	BEC5C-XXX-02-T	BEC5C-XXX-B-SM	SUB-C-351-02-XX	SUB-C-352-02-XX	WT-16-06-T
-03	BEC5C-XXX-03-T	BEC5C-XXX-B-SM	SUB-C-351-03-XX	SUB-C-352-03-XX	WT-16-06-T

F:\DWG\MISC\MKTG\BEC5C-XXX-XX-X-XX-X-V-A-X-MKT.SLDDRW

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DO NOT SCALE DRAWING

SHEET SCALE: 2:1

samtec

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DESCRIPTION:

BEC5C ASSEMBLY

DWG. NO.

BEC5C-XXX-XX-X-XX-X-V-A-X

BY: ROY LUO

11/1/2010

SHEET 2 OF 2