

DESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

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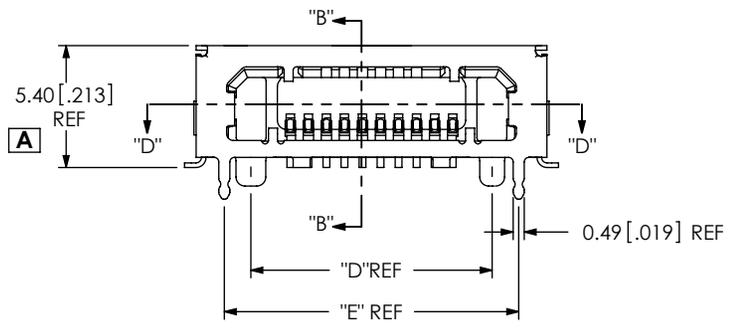
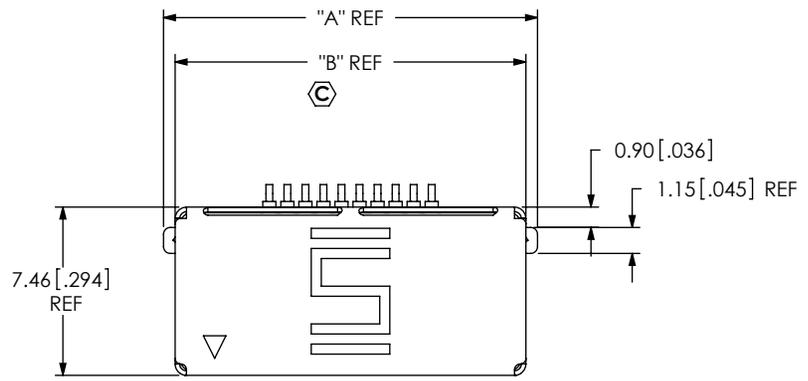


FIG. 1
FCS8-10-01-X-S-A SHOWN

A FCS8-XX-01-X-S-A-TR

NO OF POSITIONS
*05, -10, *-15, -20
*-25, -30, *-35, *-40

LEAD STYLE
-01

PACKAGING
-TR: TAPE & REEL
(SEE NOTE 7) **A**

OPTION
-A: ALIGNMENT PINS

ROW SPECIFICATION
-S: SINGLE ROW

PLATING SPECIFICATION
-L: LIGHT SELECTIVE, .000010
GOLD IN CONTACT AREA
MATTE TIN ON TAILS

*= NOT TOOLED

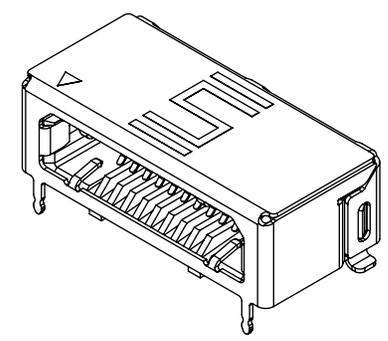
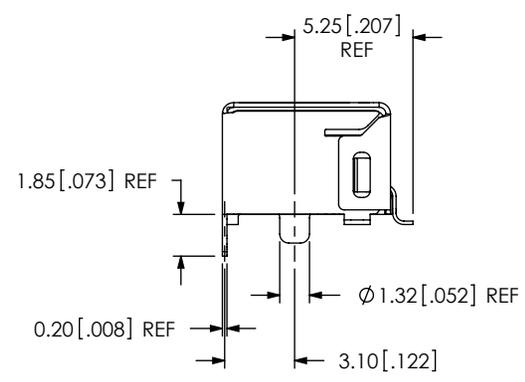


TABLE 1

POS	"A"	"B"	"C"	"D"	"E"	"F"
*-5	12.59 [0.496]	11.56 [0.455]	3.20 [0.126]	6.70 [0.264]	9.06 [0.357]	8.14 [0.320]
-10	16.59 [0.653]	15.56 [0.613]	7.20 [0.283]	10.70 [0.421]	13.06 [0.514]	12.14 [0.478]
*-15	20.59 [0.811]	19.56 [0.770]	11.20 [0.441]	14.70 [0.579]	17.06 [0.672]	16.14 [0.635]
-20	24.59 [0.968]	23.56 [0.928]	15.20 [0.598]	18.70 [0.736]	21.06 [0.829]	20.14 [0.793]
*-25	28.59 [1.126]	27.56 [1.085]	19.20 [0.756]	22.70 [0.894]	25.06 [0.987]	24.14 [0.950]
-30	32.59 [1.283]	31.56 [1.243]	23.20 [0.913]	26.70 [1.051]	29.06 [1.144]	28.14 [1.108]
*-35	36.59 [1.441]	35.56 [1.400]	27.20 [1.071]	30.70 [1.209]	33.06 [1.302]	32.14 [1.265]
*-40	40.59 [1.598]	39.56 [1.557]	31.20 [1.228]	34.70 [1.366]	37.06 [1.459]	36.14 [1.423]

*= NOT TOOLED

A

NOTES:

- ⊙ REPRESENTS A CRITICAL DIMENSION.
- COPLANARITY TO BE WITHIN 0.10 [0.004].
- MINIMUM PUSHOUT FORCE: 2.22N [0.5 LB].
- MEASURE AT BENDS.
- SURFACE MOUNT TAILS ON SHIELD TO BE 0.08 [0.003] ABOVE TO 0.03 [0.001] BELOW THE SIGNAL TAILS.
- NOT RECOMMENDED FOR INVERTED REFLOW SOLDER.
- FOR QUANTITIES UP TO 49 PIECES, NO LEADER, TRAILER, OR EIA-481-D REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PIECES, NO LEADER, TRAILER WILL BE SUPPLIED.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [0.1] 2°
X.XX: ±0.13 [0.005]
X.XXX: ±0.051 [0.002]

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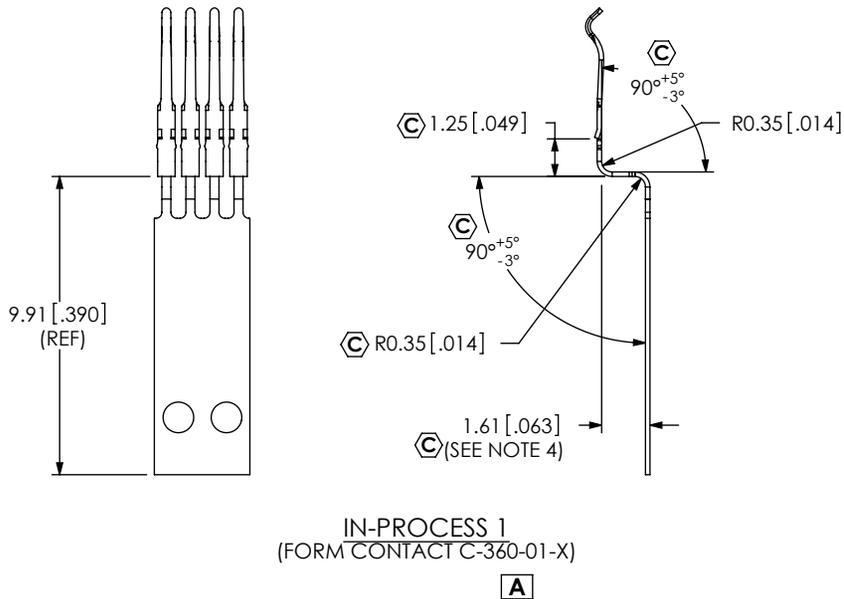
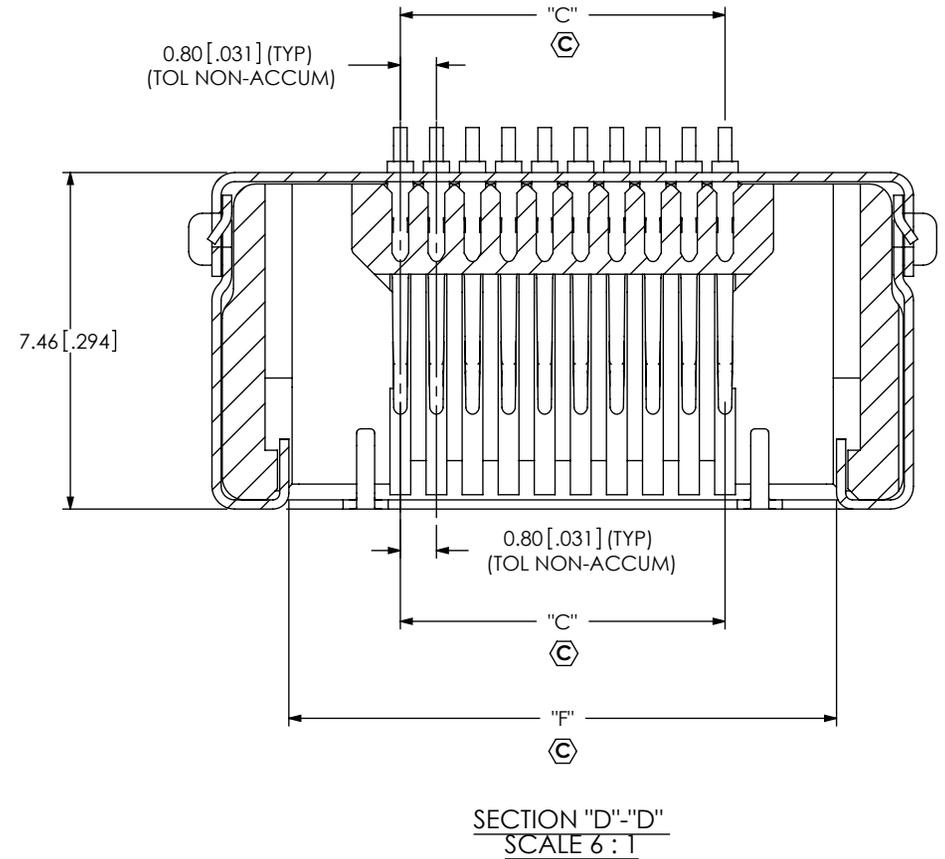
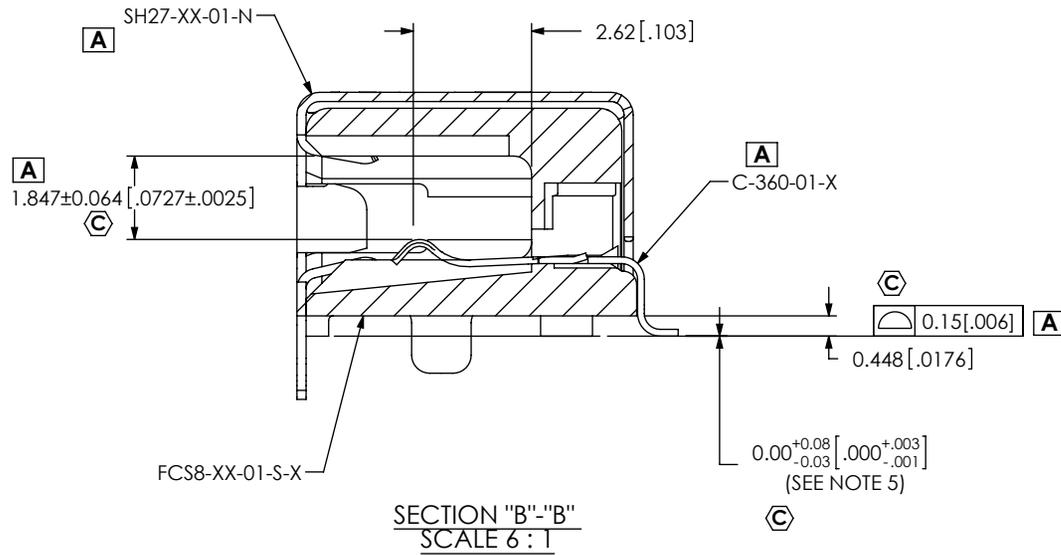


A MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 1:0.333333
INSULATOR: LCP, UL 94 VO
CONTACT BeCu
SHIELD: PHOS BRONZE

DESCRIPTION:
FCS8 SOCKET ASSEMBLY

DWG. NO.
FCS8-XX-01-X-S-A-TR

BY: M MURILLO 10/27/2008 SHEET 1 OF 3



F:\DWG\MISC\MKTG\FCS8-XX-01-X-S-A-TR-MKT.SLDDRW

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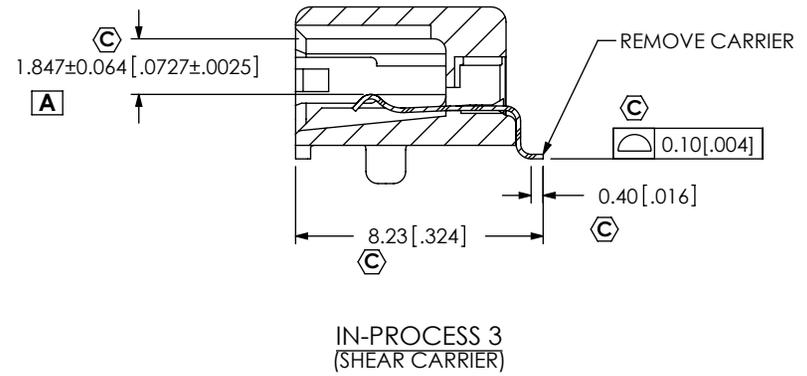
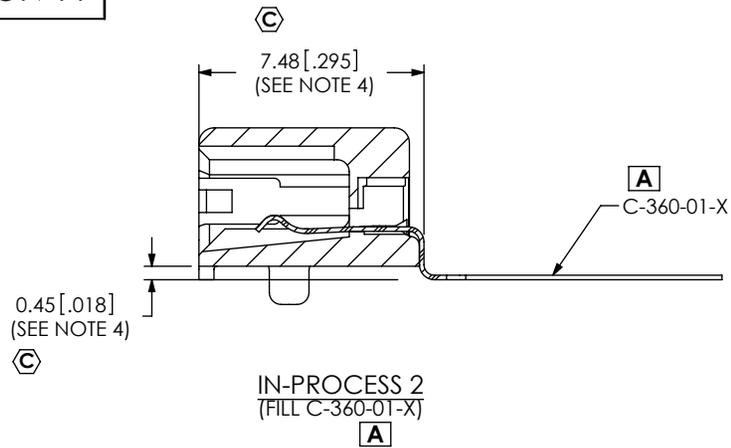
samtec

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e-Mail: info@SAMTEC.com code: 55322

DESCRIPTION:
FCS8 SOCKET ASSEMBLY

DWG. NO.
FCS8-XX-01-X-S-A-TR

BY: M MURILLO 10/27/2008 SHEET 2 OF 3



CRITICAL DIMENSION INSPECTION INSTRUCTION TABLE

ASSEMBLY OPERATION	START-UP INSPECTION INSPECT CODE A	IN-PROCESS INSPECTION INSPECT CODE B
IN-PROCESS 1		C7,C8,C9,C10,C11
IN-PROCESS 2		C12,C13
IN-PROCESS 3	C3, C14,C16	C2
FINISHED GOOD		C1,C4,C5,C6, C15

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DESCRIPTION: FCS8 SOCKET ASSEMBLY

DWG. NO. FCS8-XX-01-X-S-A-TR

BY: M MURILLO 10/27/2008 SHEET 3 OF 3