



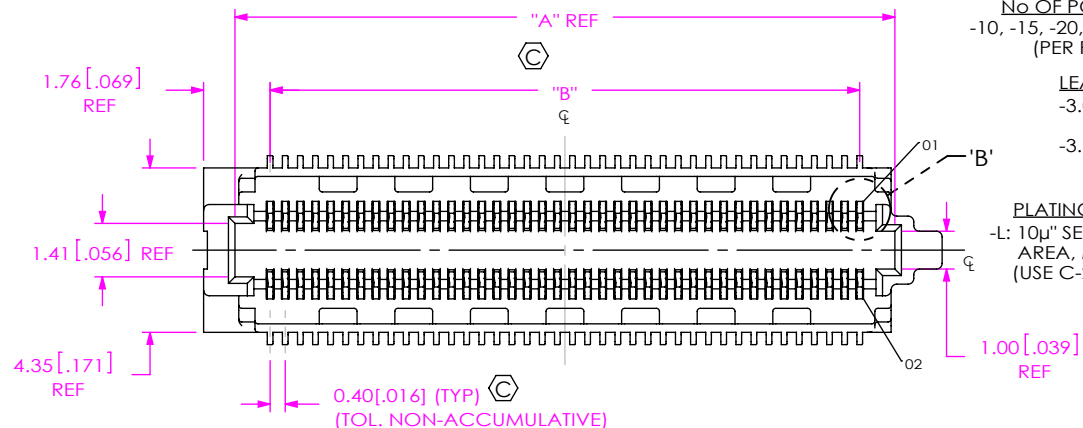
**THE DATASHEET OF
SS4-30-3.50-L-D-K-TR**



DESIGNED & DIMENSIONED
IN MILLIMETERS [INCHES]

SS4-XX-X.XX-X-D-X-XX-XR

DO NOT
SCALE FROM
THIS PRINT



No OF POSITIONS
-10, -15, -20, -30, -40, -50
(PER ROW)

LEAD STYLE
-3.00: SEE FIG 1
(USE C-229-3.00-X)
-3.50: SEE FIG 2, SHT 2
(USE C-229-3.50-X)

PLATING
-L: 10µ" SELECTIVE GOLD IN CONTACT
AREA, MATTE TIN ON TAIL
(USE C-229-X.XX-X)

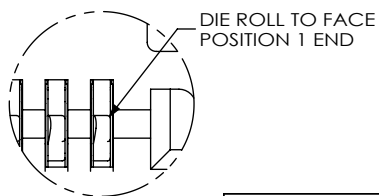
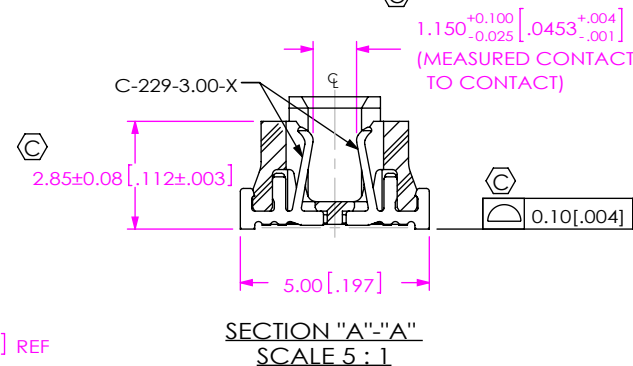
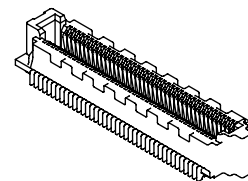
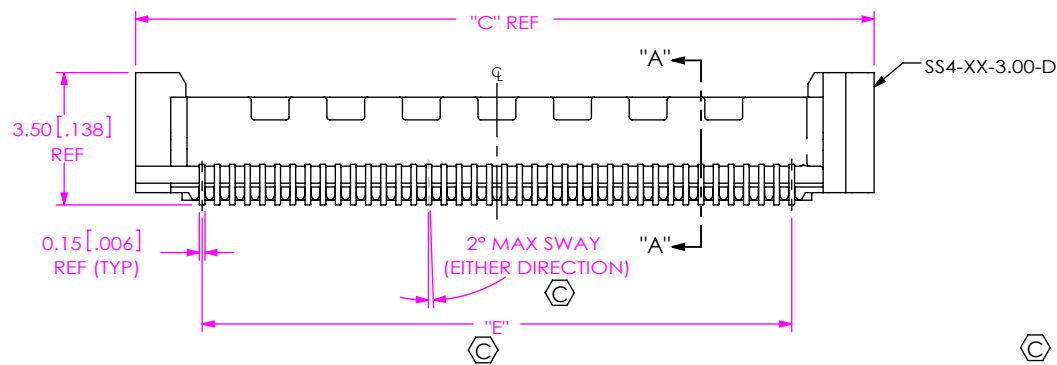
ROW SPECIFICATION
-D: DOUBLE

TAPE & REEL (SEE NOTES 5 & 6)
-TR: TAPE & REEL
-FR: FULL REEL QTY TAPE & REEL

PLACEMENT PAD
-K: KAPTON PAD
(USE K-DOT-.138-.250-.005)
(SEE FIG 4 & 5, SHT 3)
**-PA: PICK & PLACE WITH
ALIGNMENT PINS
(SEE FIG 6, SHT 4)
(NOT AVAILABLE IN -15 POS)

OPTIONS
*, **-L: LATCHING
(USE WT-40-X.XX-T)
(SEE FIG 3, SHT 2 AND NOTE 3)
(LEAVE BLANK FOR NO OPTION)

* = TOOLED ONLY FOR THE -3.00 LEAD STYLE
** = AVAILABLE FOR EXISTING CUSTOMERS ONLY



POS	"A"	"B"	"C"	"E"
-10	5.46 [0.215]	3.60 [0.142]	7.54 [0.297]	3.60 [0.142]
-15	7.46 [0.294]	5.60 [0.220]	9.54 [0.376]	5.60 [0.220]
-20	9.46 [0.372]	7.60 [0.299]	11.54 [0.454]	7.60 [0.299]
-30	13.46 [0.530]	11.60 [0.457]	15.54 [0.612]	11.60 [0.457]
-40	17.46 [0.687]	15.60 [0.614]	19.54 [0.769]	15.60 [0.614]
-50	21.46 [0.845]	19.60 [0.772]	23.54 [0.927]	19.60 [0.772]

FIG 1
SS4-40-3.00-L-D SHOWN

SS4 LEAD STYLE	TABLE 2 REF STACK HEIGHT		
	ST4 LEAD STYLE		
-1.00	-1.00	-1.50	-2.50
-3.00	4.0 [0.16]	4.5 [0.18]	5.5 [0.22]
-3.50	4.5 [0.18]	5.0 [0.20]	6.0 [0.24]

NOTES:

- REPRESENTS A CRITICAL DIMENSION.
- MINIMUM PUSHOUT FORCE: 1.11 N [0.25 LB].
- L: LATCHING OPTION NOT INTENDED FOR ALIGNMENT TO PCB. AUTOMATED PLACEMENT IS RECOMMENDED.
- NOTE DELETED.
- ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM.
- ATTACH LABEL TO EACH REEL.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN MILLIMETERS.
TOLERANCES ARE:
DECIMALS ANGLES
.X: ±0.3 [0.1] 2°
.XX: ±0.13 [0.05]
.XXX: ±0.051 [0.020]

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MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 2:1
INSULATOR: LCP, UL 94 V0, COLOR: BLACK
CONTACT: PHOS BRONZE
LATCH: PHOS BRONZE

DESCRIPTION:
0.4mm [0.016] SOCKET STRIP ASSEMBLY
DWG. NO.
SS4-XX-X.XX-X-D-X-XX-XR
BY: CLAY W 4/19/2007 SHEET 1 OF 4



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

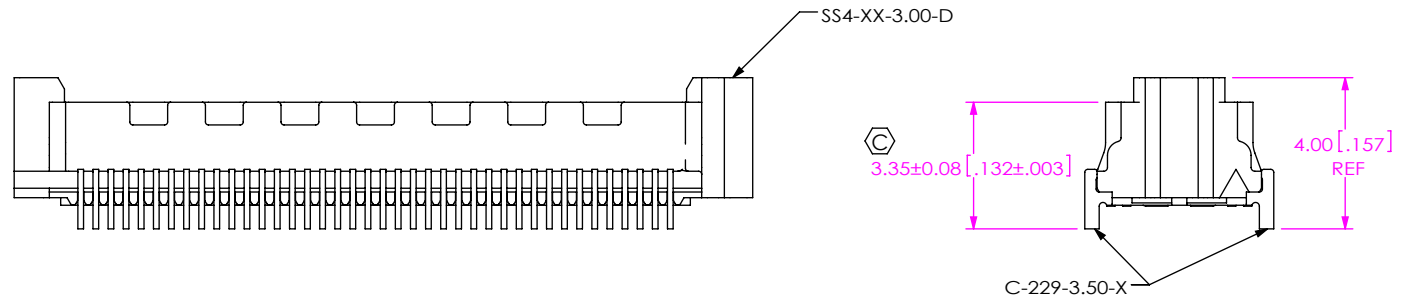


FIG 2
-3.50 BODY HEIGHT
SS4-40-3.50-X-D SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

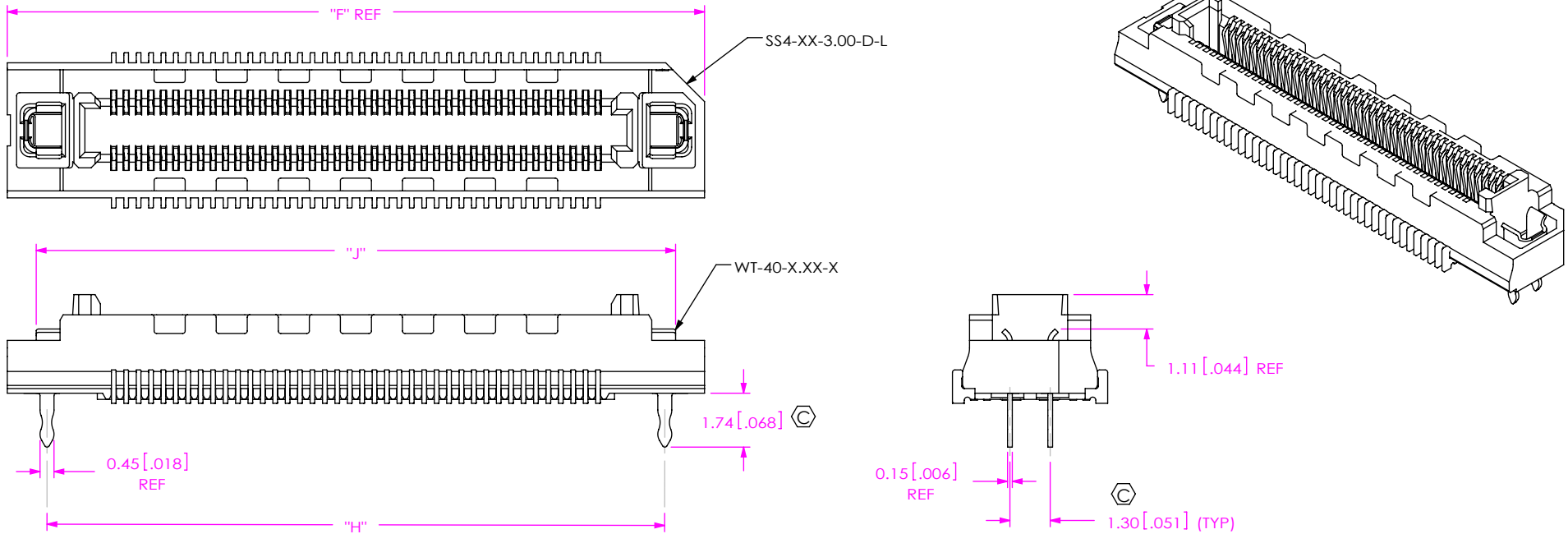


FIG 3
-L: LATCHING OPTION
SS4-40-3.00-X-D-L SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

POS	"F"	"H"	"J"
-10	10.46 [0.412]	7.90 [0.311]	8.60 [0.339]
-15	12.46 [0.491]	9.90 [0.390]	10.60 [0.417]
-20	14.46 [0.569]	11.90 [0.469]	12.60 [0.496]
-30	18.46 [0.727]	15.90 [0.626]	16.60 [0.654]
-40	22.46 [0.884]	19.90 [0.783]	20.60 [0.811]
-50	26.46 [1.042]	23.90 [0.941]	24.60 [0.969]

LEAD STYLE	LATCH
-3.00	W-40-3.00-T
-3.50	WT-40-3.50-T

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DO NOT SCALE DRAWING

SHEET SCALE: 5:1



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BY: CLAY W 4/19/2007 SHEET 2 OF 4

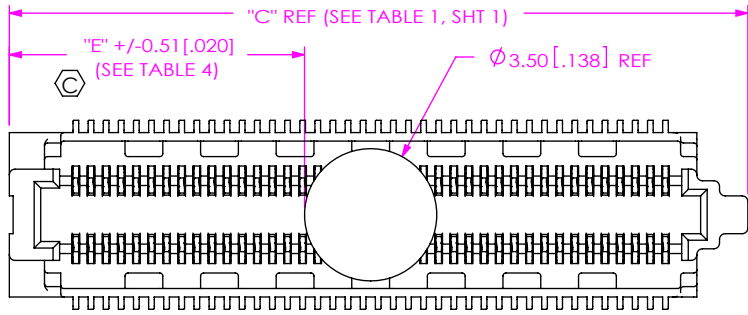


FIG 4
-K: KAPTON OPTION
SS4-40-3.00-X-D-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

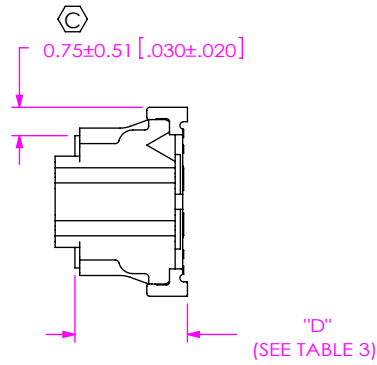


TABLE 3	
LEAD STYLE	"D"
-3.00	2.98 [.117]
-3.50	3.48 [.137]

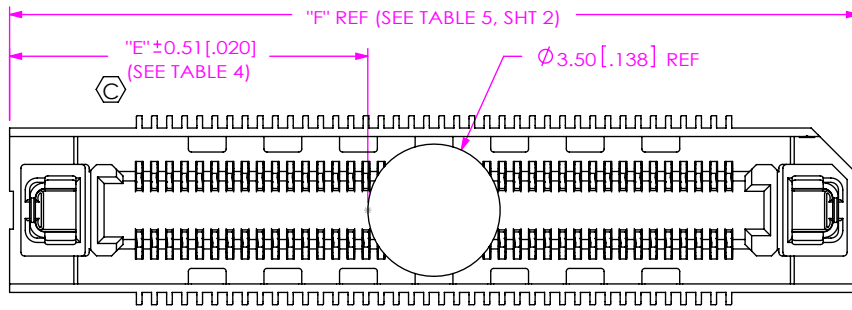


FIG 5
-K: KAPTON OPTION(W/ -L OPTION)
SS4-40-3.00-X-D-L-K SHOWN
(DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)

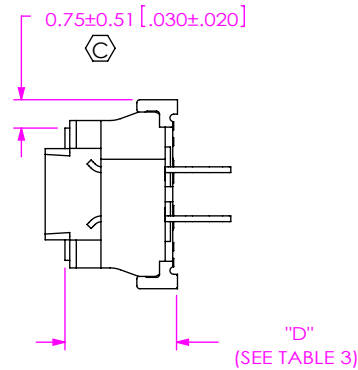


TABLE 4		
POS	"E" W/O -L OPTION	"E" W/ -L OPTION
-10	1.81 [0.071]	3.48 [0.137]
-15	2.81 [0.111]	4.48 [0.176]
-20	3.81 [0.150]	5.48 [0.216]
-30	5.81 [0.229]	7.48 [0.294]
-40	7.81 [0.307]	9.48 [0.373]
-50	9.81 [0.386]	11.48 [0.452]

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SHEET SCALE: 5:1



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BY: CLAY W 4/19/2007 SHEET 3 OF 4

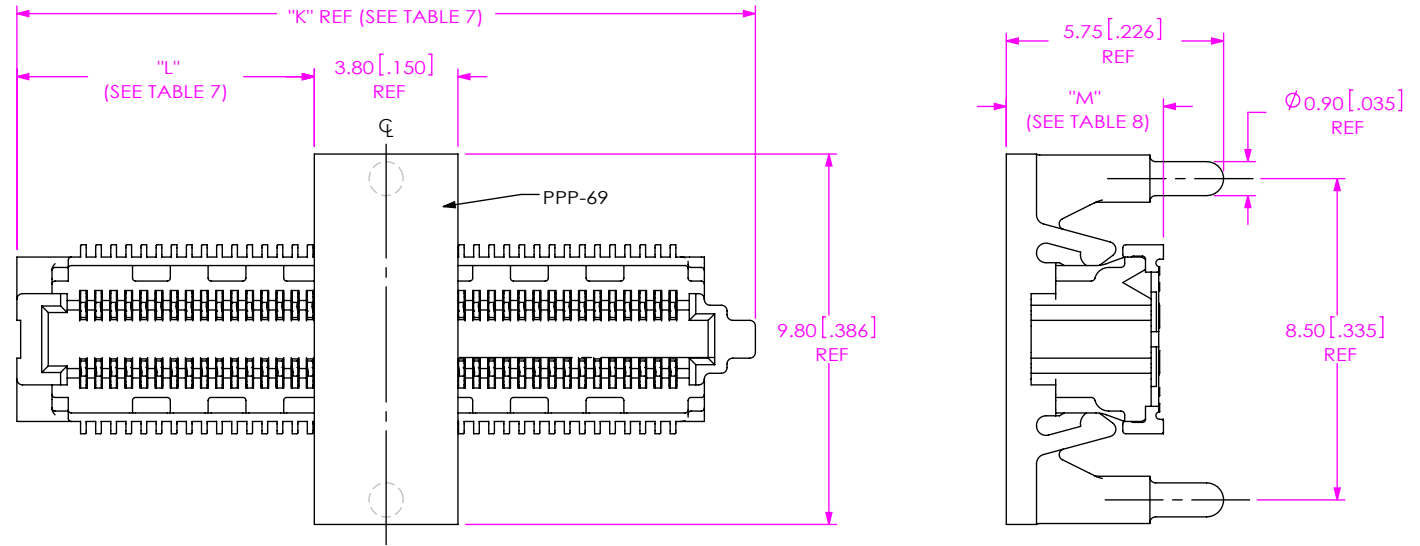


FIG 6
 SS4-40-3.00-X-D-PA SHOWN
 (DIFFERENT AS SHOWN, OTHERWISE SAME AS FIG 1)
 (NOT AVAILABLE IN -15 POS)

LEAD STYLE	"M"
-3.00	4.16 [.164]
-3.50	4.66 [.183]

POS	"K"	"K"	"L"	"L"
	W/O -L OPTION	W/ -L OPTION	W/O -L OPTION	W/ -L OPTION
-10	7.54 [0.297]	10.46 [0.412]	1.87 [0.074]	3.33 [0.131]
-20	11.54 [0.454]	14.46 [0.569]	3.87 [0.152]	5.33 [0.210]
-30	15.54 [0.612]	18.46 [0.727]	5.87 [0.231]	7.33 [0.289]
-40	19.54 [0.769]	22.46 [0.884]	7.87 [0.310]	9.33 [0.367]
-50	23.54 [0.927]	26.46 [1.042]	9.87 [0.389]	11.33 [0.446]

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BY: CLAY W 4/19/2007 SHEET 4 OF 4

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