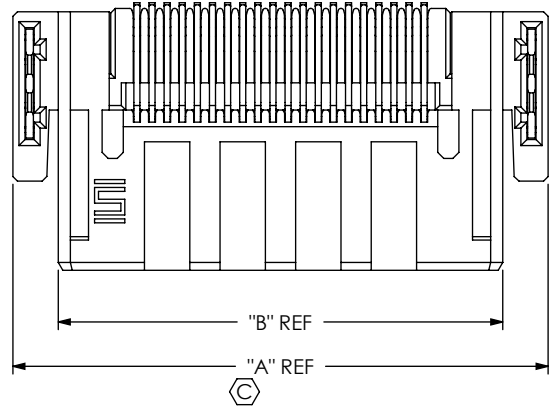


DO NOT SCALE FROM THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

LSHM-1XX-XX-X-RH-A-X-X-TR



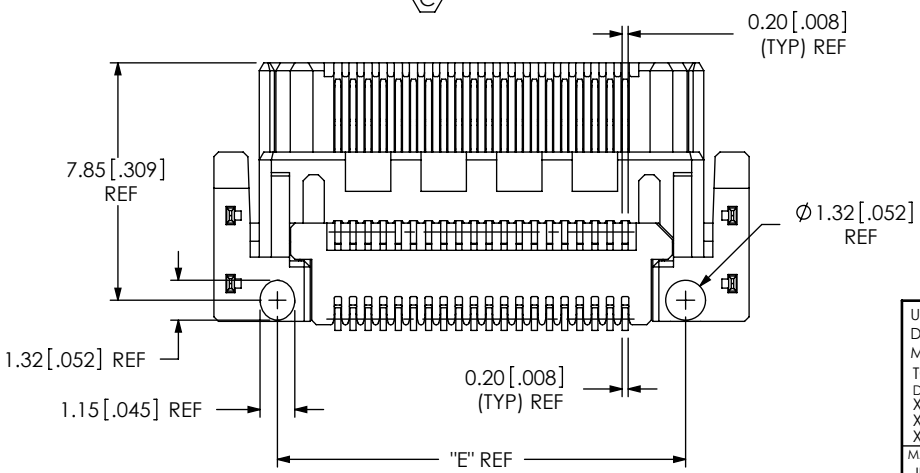
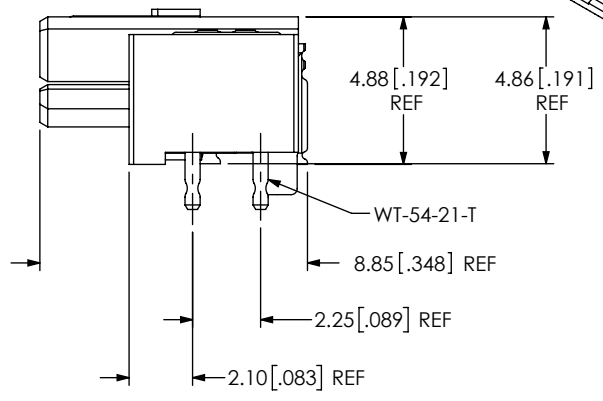
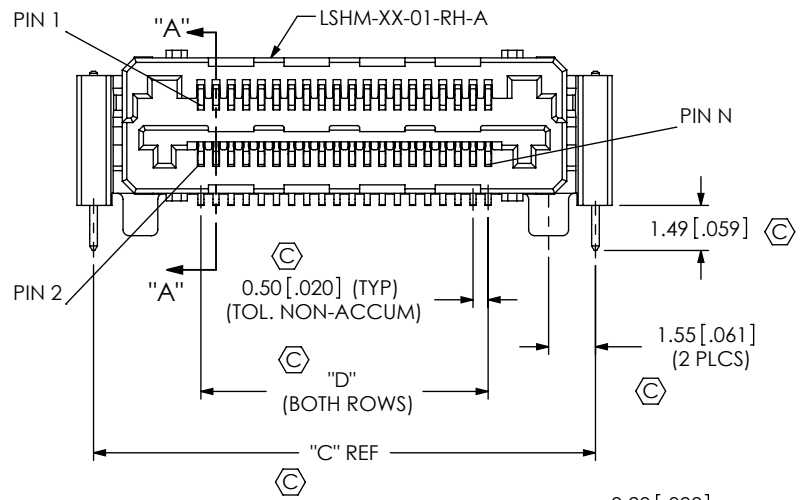
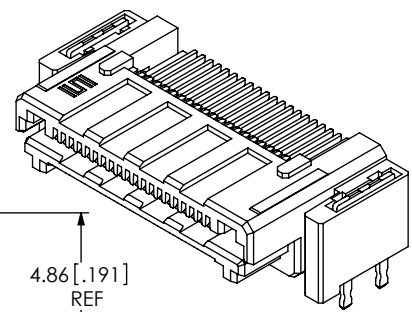
No OF POSITIONS
-05, -10, -20, -30, -40, -50

LEAD STYLE
-01: REVERSE RIGHT ANGLE
-L1: LUBRICATED (SEE TABLE 2)

PLATING SPECIFICATION
-L: 10µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-F: 3µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-S: 30µ" SELECTIVE GOLD IN CONTACT AREA, MATTE TIN ON TAIL
-H: 30µ" HEAVY GOLD IN CONTACT AREA, 3µ" GOLD ON TAIL

PACKAGING
-TR: TAPE & REEL (SEE NOTE 5)
OPTION
-K: POLYAMIDE FILM (USE K-DOT-.177-.281-.005)
SHIELD
-S: WITH SHIELD
-N: WITHOUT SHIELD

TAIL OPTION
-RH: REVERSE RIGHT ANGLE



NOTES:

- ⊗ REPRESENTS A CRITICAL DIMENSION.
- BURR ALLOWANCE: .038 [0.015].
- MINIMUM PUSHOUT FORCE; TERMINALS: 2.22 N [.5 LBS], CONTACTS: 2.22 N [.5 LBS].
- NOTE DELETED.
- FOR QUANTITIES UP TO 49 PCS., NO LEADER, TRAILER OR REEL WILL BE SUPPLIED. FOR QUANTITIES OF 50-124 PCS., NO LEADER OR TRAILER WILL BE SUPPLIED.
- FOR APPLICATIONS REQUIRING TWO OR MORE CONNECTORS PER BOARD, CONTACT IPG@SAMTEC.COM.

FIG 1
LSHM-120-X1-X-RH-A-N-X-XX SHOWN

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS [INCHES]. TOLERANCES ARE:
DECIMALS ANGLES
X.X: ±0.3 [01]
X.XX: ±0.13 [005]
X.XXX: ±0.051 [0020]

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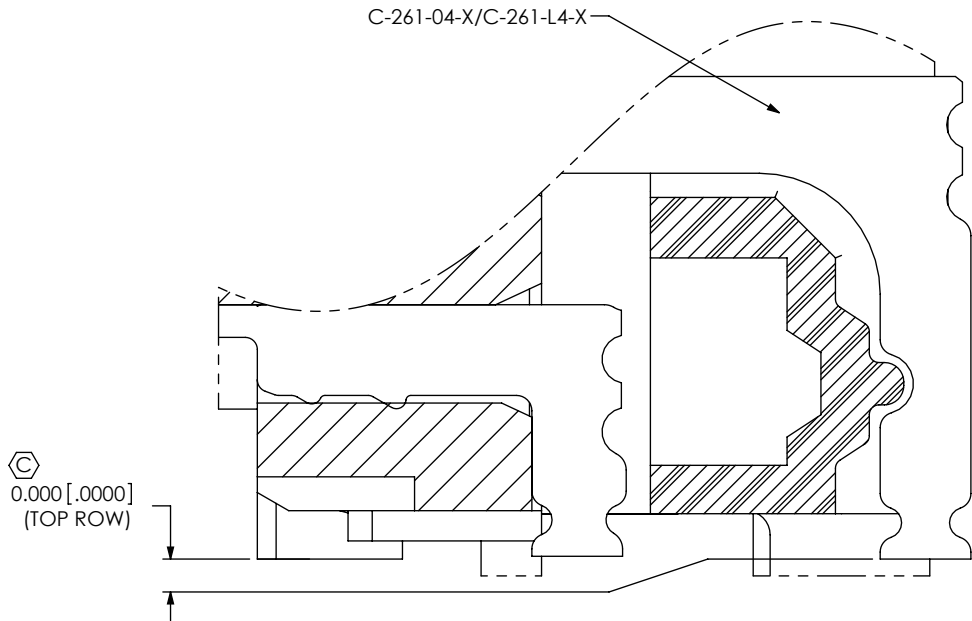
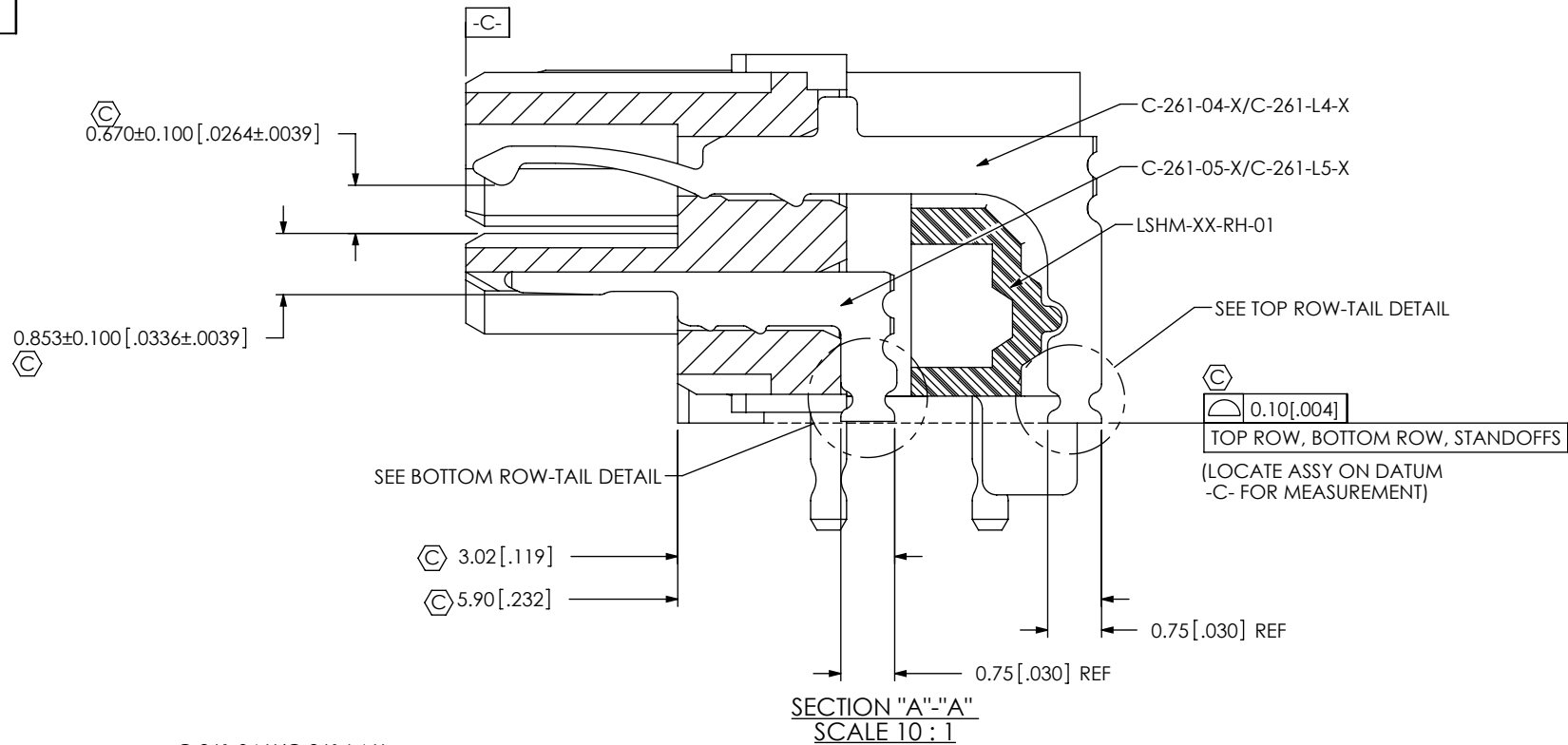
520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 53322

MATERIAL: DO NOT SCALE DRAWING SHEET SCALE: 4:1
INSULATOR: LCP, UL 94 VO, COLOR: BLACK
TERMINAL: PHOS BRONZE
SHIELD: STAINLESS STEEL
WELD TAB: COPPER ALLOY

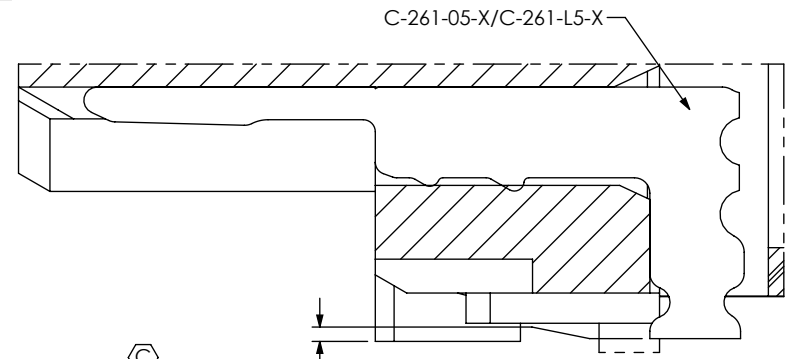
DESCRIPTION:
0.5mm TERMINAL/SOCKET COMBO

DWG. NO.
LSHM-1XX-XX-X-RH-A-X-X-TR

BY: VICKY Z 03/12/2011 SHEET 1 OF 4




TOP ROW-TAIL DETAIL
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)



BOTTOM ROW-TAIL DETAIL
(LOCATE ASSY ON DATUM -C- FOR MEASUREMENT)

F:\DWG\MISC\MKTG\LSHM-1XX-XX-X-RH-A-X-X-TR-MKT.SLDDRW

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	<p>520 PARK EAST BLVD, NEW ALBANY, IN 47150 PHONE: 812-944-6733 FAX: 812-948-5047 e-Mail info@SAMTEC.com code 55322</p>	
	<p>DESCRIPTION: 0.5mm TERMINAL/SOCKET COMBO</p>	
	<p>DWG. NO. LSHM-1XX-XX-X-RH-A-X-X-TR</p>	
<p>BY: VICKY Z 03/12/2011</p>		<p>SHEET 2 OF 4</p>

No OF POS.	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
-05	10.20 [0.402]	7.20 [0.283]	9.10 [0.358]	2.00 [0.079]	6.00 [0.236]	7.25 [0.285]	5.15 [0.203]	7.36 [0.290]
-10	12.70 [0.500]	9.70 [0.382]	11.60 [0.457]	4.50 [0.177]	8.50 [0.335]	9.75 [0.384]	7.65 [0.301]	9.86 [0.388]
-20	17.70 [0.697]	14.70 [0.579]	16.60 [0.654]	9.50 [0.374]	13.50 [0.531]	14.75 [0.581]	12.65 [0.498]	14.86 [0.585]
-30	22.70 [0.894]	19.70 [0.776]	21.60 [0.850]	14.50 [0.571]	18.50 [0.728]	19.75 [0.778]	17.65 [0.695]	19.86 [0.782]
-40	27.70 [1.091]	24.70 [0.972]	26.60 [1.047]	19.50 [0.768]	23.50 [0.925]	24.75 [0.974]	22.65 [0.892]	24.86 [0.979]
-50	32.70 [1.287]	29.70 [1.169]	31.60 [1.244]	24.50 [0.965]	28.50 [1.122]	29.75 [1.171]	27.65 [1.089]	29.86 [1.176]

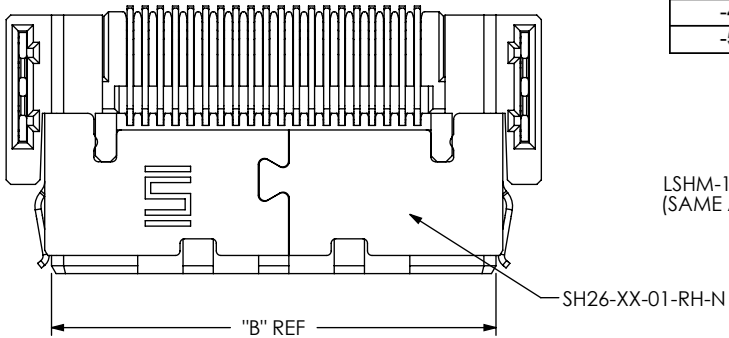
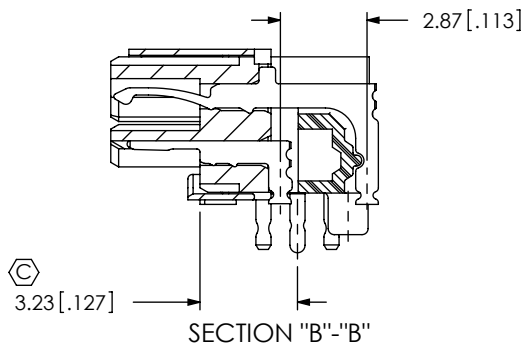
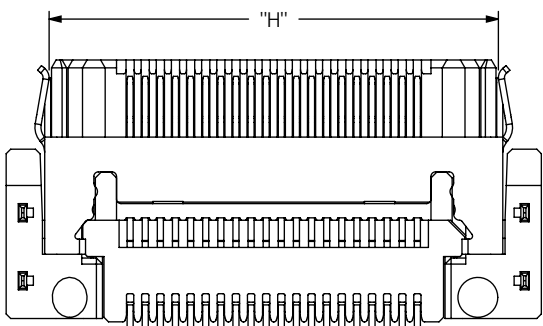
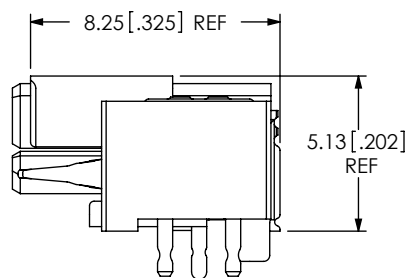
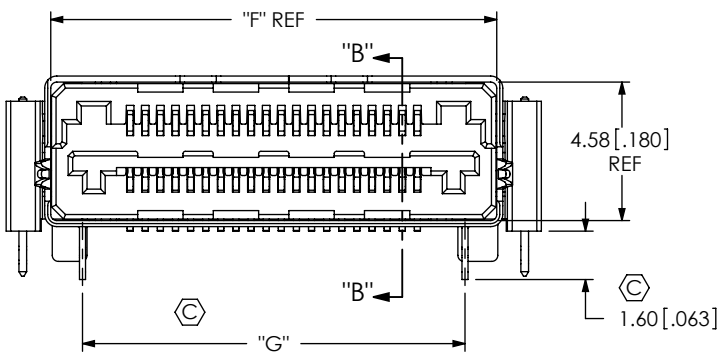
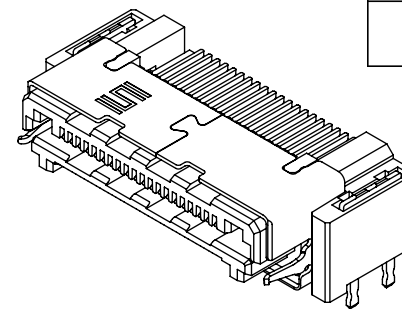


FIG 2
LSHM-120-X1-X-RH-A-S-X-XX SHOWN
(SAME AS FIG 1, EXCEPT AS SHOWN)



LEAD STYLE	CONTACT
-01	C-261-04-X
	C-261-05-X
-L1	C-261-L4-X
	C-261-L5-X



F:\DWG\MISC\MKTG\LSHM-1XX-XX-X-RH-A-X-X-TR-MKT.SLDDRW

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SHEET SCALE: 4:1



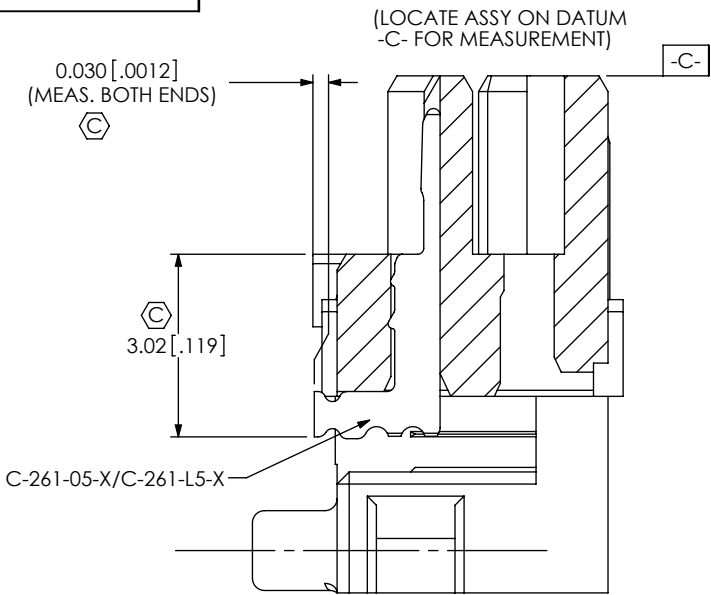
520 PARK EAST BLVD. NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail info@SAMTEC.com code 55322

DESCRIPTION: 0.5mm TERMINAL/SOCKET COMBO

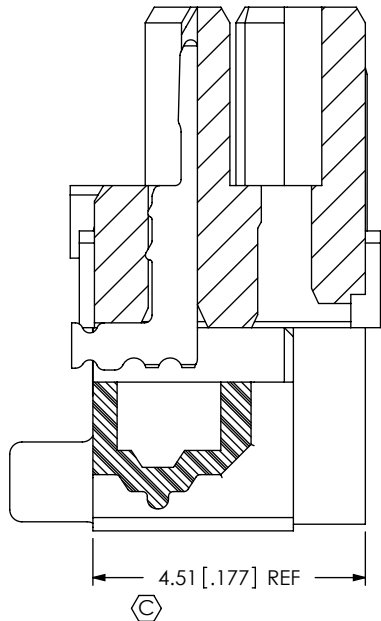
DWG. NO. LSHM-1XX-XX-X-RH-A-X-X-TR

BY: VICKY Z 03/12/2011 SHEET 3 OF 4

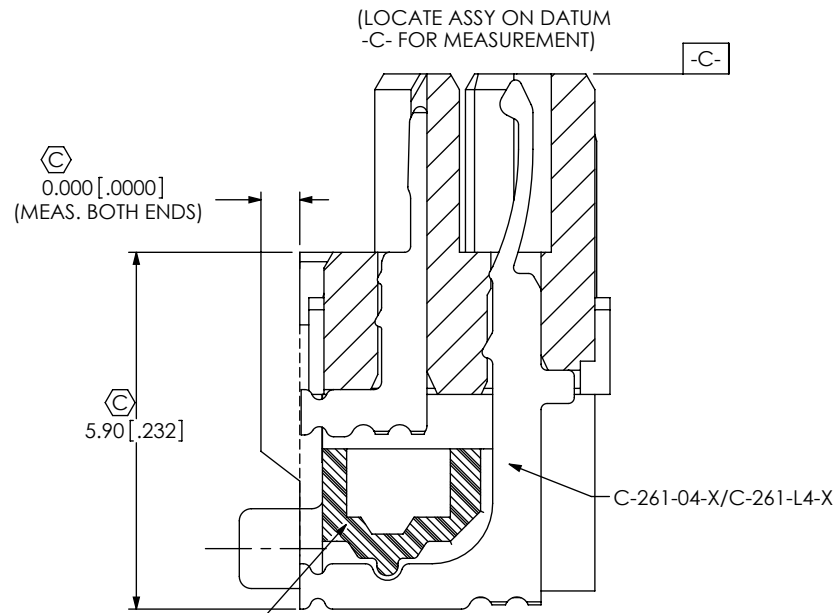
REVISION R



IN-PROCESS 1
FILL C-261-05-X/C-261-L5-X



IN-PROCESS 2
ASSEMBLY LSHM-XX-RH-01



IN-PROCESS 3
FILL C-264-04-X/C-261-L4-X

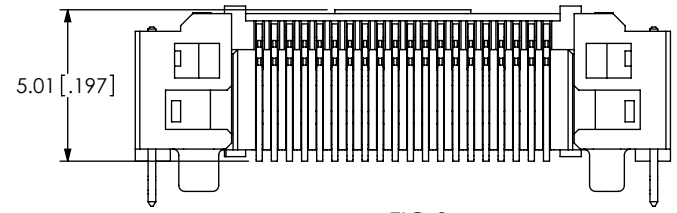
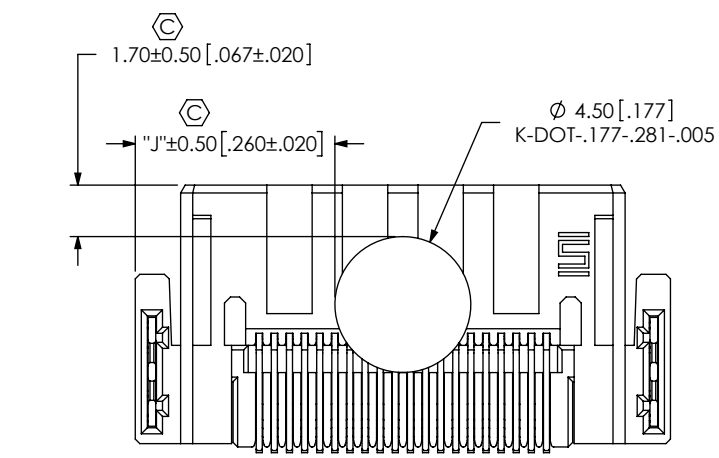


FIG 3
LSHM-120-X1-X-RH-A-N-K-XX SHOWN

TABLE 3	
No OF POS.	"J"
-05	2.85 [0.112]
-10	4.10 [0.161]
-20	6.60 [0.260]
-30	9.10 [0.358]
-40	11.60 [0.457]
-50	14.10 [0.555]

F:\DWG\MISC\MKTG\LSHM-1XX-XX-X-RH-A-X-X-TR-MKT.SLDDRW

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SHEET SCALE: 4:1



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BY: VICKY Z 03/12/2011 SHEET 4 OF 4