

DO NOT
SCALE FROM
THIS PRINT

TABLE 2		
END OPTION	"C"	"D"
XL, XR	0.650 [16.51]	0.218 [5.54]
XD	0.788 [20.02]	0.264 [6.71]
XH	0.788 [20.02]	0.264 [6.71]

TABLE 3			
No. OF POSITIONS	N	N-1	
-005	10	9	
-010	20	19	
-020	40	39	
-030	60	59	
-040	80	79	
-050	100	99	

TABLE 4	
END TO END	"A"
DV TO DV	0.860 [21.84]
DV TO DH	0.998 [25.35]
DV TO RH	0.998 [25.35]
DH TO DH	1.136 [28.85]
DH TO RH	1.136 [28.85]
RH TO RH	1.136 [28.85]

HLCD-XX-XX.XX-XXX-XXX-X-X

No OF POSITIONS

-05, -10, -20, -30, -40, -50
(PER ROW)

LENGTH

-XX.XX (INCHES)
(01.72 [43.7] MIN)

FIRST END

-TR: DV CONN TOP RIGHT
 -TL: DV CONN TOP LEFT
 -BR: DV CONN BOTTOM RIGHT
 -BL: DV CONN BOTTOM LEFT
 -TD: DH CONN TOP
 -TH: RH CONN TOP
 -BD: DH CONN BOTTOM
 -BH: RH CONN BOTTOM
 (SEE SHEET 2)

CABLE OPTION
 (BLANK): TCF-3850-XX-01
 -T: (SEE NOTE 12)

WIRING OPTION

-1: 1-1
 -2: 1-2
 -3: 1-(N-1)
 -4: 1-N

SECOND END OPTION

-S: SCREW DOWN OPTION IN PCB
 (LEAVE BLANK FOR NON-SCREW
 DOWN) (SCREW DOWN ONLY AVAILABLE
 FOR -TR, -TL, -BR, -BL OPTIONS, SEE FIG. 2)

SECOND END

-TR: DV CONN TOP RIGHT
 -TL: DV CONN TOP LEFT
 -BR: DV CONN BOTTOM RIGHT
 -BL: DV CONN BOTTOM LEFT
 -TD: DH CONN TOP
 -TH: RH CONN TOP
 -BD: DH CONN BOTTOM
 -BH: RH CONN BOTTOM
 (SEE SHEET 3)

FIRST END OPTION

-S: SCREW DOWN OPTION IN PCB
 (LEAVE BLANK FOR NON-SCREW
 DOWN) (SCREW DOWN ONLY AVAILABLE
 FOR -TR, -TL, -BR, -BL OPTIONS, SEE FIG. 2)

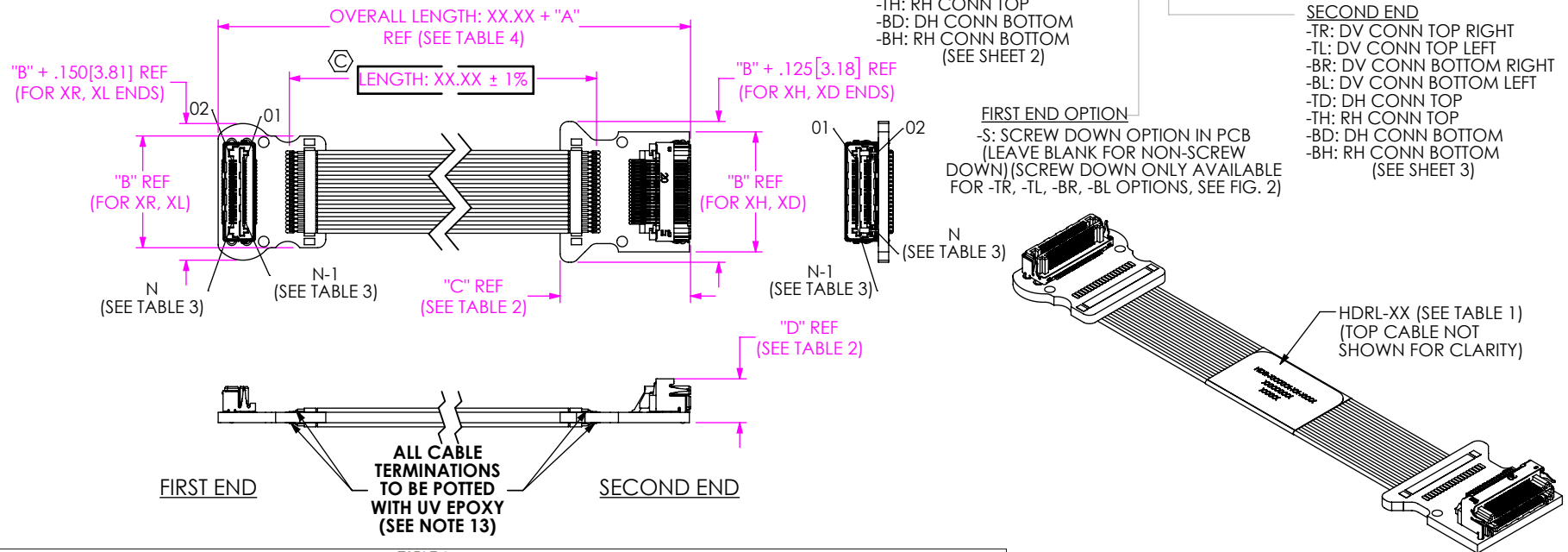


TABLE 1								
No. OF POSITIONS	"B" (XR, XL)	"B" (XH, XD)	BLANK OPTION (CABLE)	-T OPTION (CABLE)	QTY OF SUB-TCF	SUB-HLCD-XX-XX-XX-X-L2.5	BLANK OPTION (LABEL)	-T OPTION (LABEL)
-005	.380 [9.65]	.430 [10.92]	SUB-TCF-3850-05-01-XX-XX	SUB-TCF-3650F-05-T01-XX-XX	2	SUB-HLCD-05-XX-XX-X-L2.5	HDRL-11	HDRL-47
-010	.478 [12.14]	.528 [13.41]	SUB-TCF-3850-10-01-XX-XX	SUB-TCF-3650F-10-T01-XX-XX	2	SUB-HLCD-10-XX-XX-X-L2.5	HDRL-11	HDRL-47
-020	.675 [17.15]	.725 [18.42]	SUB-TCF-3850-20-01-XX-XX	SUB-TCF-3650F-20-T01-XX-XX	2	SUB-HLCD-20-XX-XX-X-L2.5	HDRL-11	HDRL-47
-030	.975 [24.77]	1.025 [26.04]	SUB-TCF-3850-30-01-XX-XX	SUB-TCF-3650F-30-T01-XX-XX	2	SUB-HLCD-30-XX-XX-X-L2.5	HDRL-11	HDRL-47
-040	1.275 [32.39]	1.325 [33.66]	SUB-TCF-3850-40-01-XX-XX	SUB-TCF-3650F-40-T01-XX-XX	4	SUB-HLCD-40-XX-XX-X-L2.5	HDRL-11	HDRL-47
-050	1.575 [40.01]	1.625 [41.28]	SUB-TCF-3850-50-01-XX-XX	SUB-TCF-3650F-50-T01-XX-XX	4	SUB-HLCD-50-XX-XX-X-L2.5	HDRL-11	HDRL-47

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. PARTS TO BE PROCESSED PER SAMTEC BOUNDARY DOCUMENT GUIDELINES.
3. ALL ASSEMBLIES TO BE 100% ELECTRICALLY TESTED.
4. ALL ASSEMBLIES TO BE 100% HI-POT TESTED AT 300V.
5. HDRL-11 TO BE CENTERED ON CABLE AS SHOWN. LABEL TO CONTAIN:
 LINE 1 - PART NUMBER "HLCD-XX-XX.XX-XXX-XXX-X"
 LINE 2 - SHOP ORDER NUMBER "XXXXXX"
 LINE 3 - DATE CODE "XXXXX"
6. FOR SUB-ASSEMBLY AND FINISHED GOOD PACKAGING REQUIREMENTS, REFERENCE PACKAGING STANDARD CO-HD-WI-3033-M.
7. SUB-TCF LENGTH IS EQUAL TO HLCD LENGTH.
8. CABLE LENGTHS GREATER THAN 40.00 INCHES ARE NOT SUPPORTED BY SI TEST DATA.
9. ALL PINS ROUTED AS SIGNALS. LSHM SHIELD TIED TO COAX SHIELD FOR GROUND RETURN.
10. **DO NOT PULL** ON COAX RIBBON TO UNMATE CABLE ASSEMBLY.
11. ON DV END OPTIONS PIN 01 LOCATION DENOTES LEFT OR RIGHT ORIENTATION.
12. -T OPTION: HIGH TEMP THV JACKET & WHITE PVF LABEL
13. EPOXY: IF CABLE OPTION IS -T, USE EPOXY-06 ONLY ON ALL CABLE TERMINATIONS. IF BLANK, USE EPOXY-42 ON ALL CABLE TERMINATIONS.

CRITICAL DIMENSION INSPECTION
INSTRUCTION TABLE

ASSEMBLY OPERATION	IN-PROCESS INSPECTION
PREP CABLE	C1
E-TEST	C2, C3

THIS PRODUCT MANUFACTURED
WITH LEAD-FREE PROCESSINGUNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES ARE:

DECIMALS ANGLES
 .XX: ±.01 [0.3]
 .XXX: ±.005 [0.13]
 .XXXX: ±.0020 [0.051]

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SHEET SCALE: 2:1

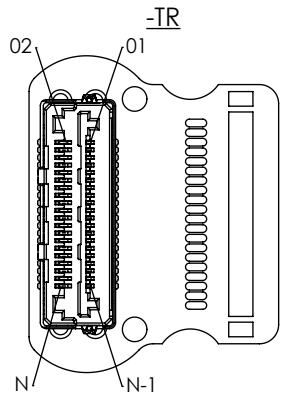
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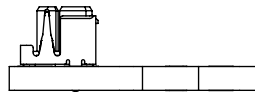
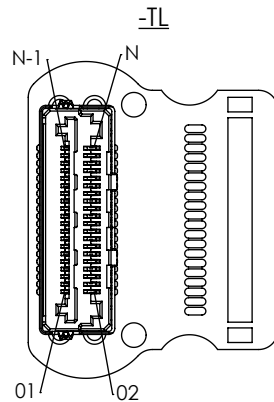
DWG. NO.

HLCD-XX-XX.XX-XXX-XXX-X-X

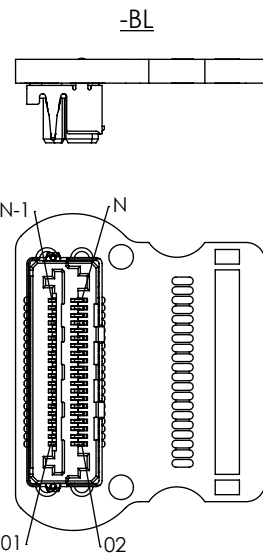
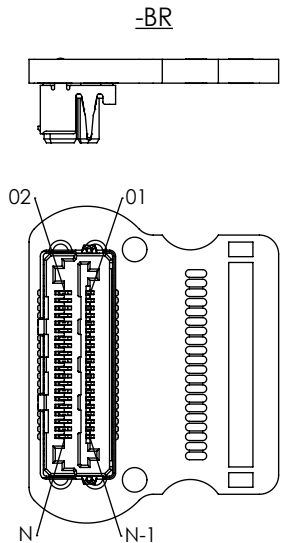
BY: ANDREW C 05/29/2013 SHEET 1 OF 4



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



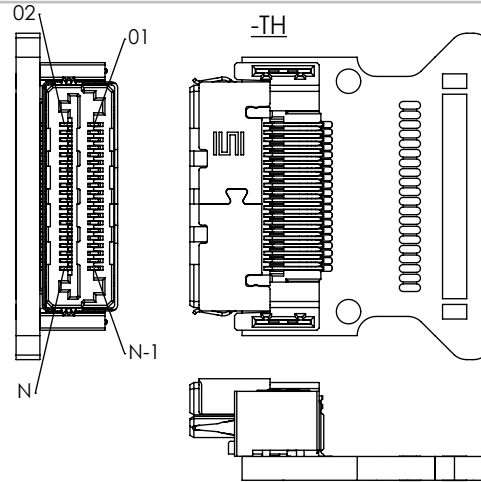
WIRING OPTION	FIRST END PIN #	SECOND END PIN #
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2	1	2
3	1	N-1
4	1	N



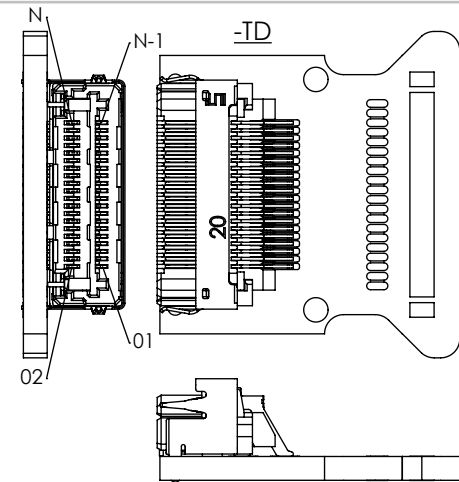
WIRING OPTION	FIRST END PIN #	SECOND END PIN #
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2	1	2
3	1	N-1
4	1	N

WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N

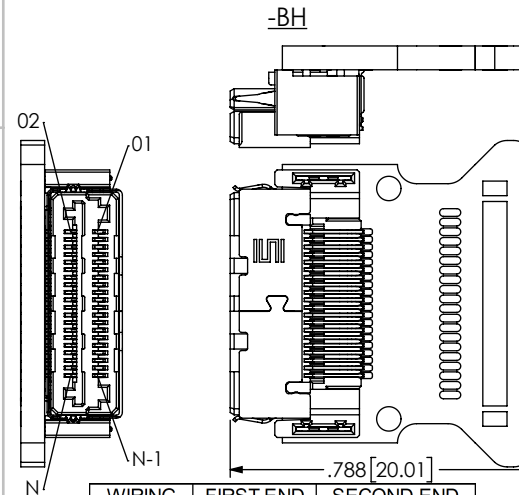
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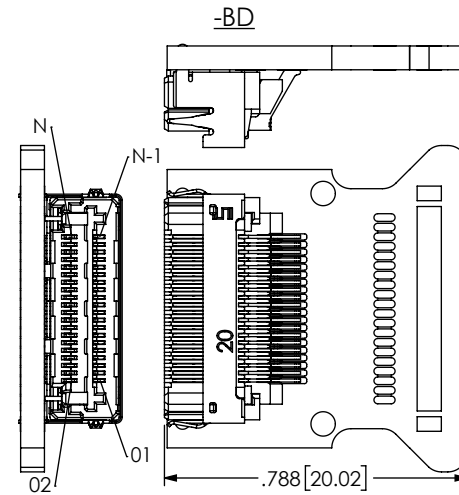
WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N

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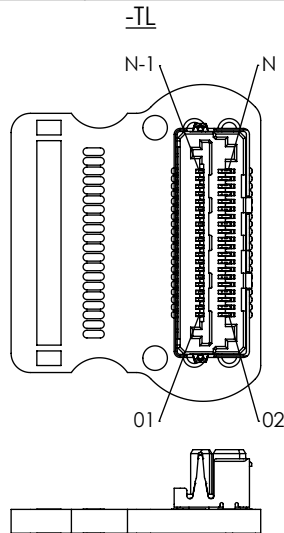
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SHEET SCALE: 1:25:1

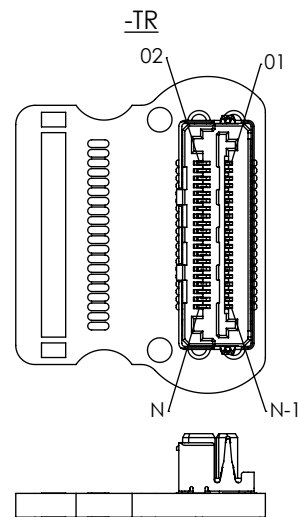
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520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.com code 55322

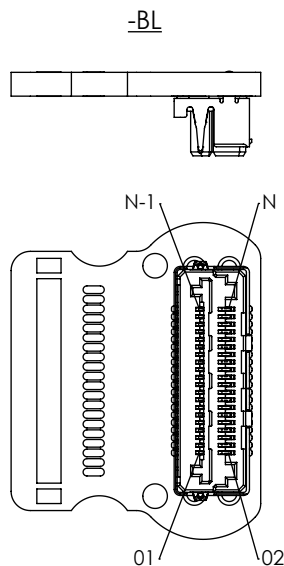
DESCRIPTION:
LSHM CABLE ASSEMBLY
DWG. NO.
HLCD-XX-XX.XX-XXX-XXX-X-X
BY: ANDREW C 05/29/2013 SHEET 2 OF 4



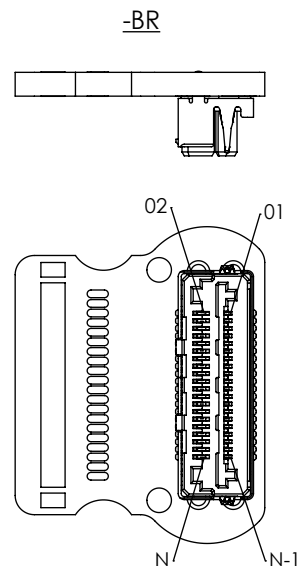
WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N

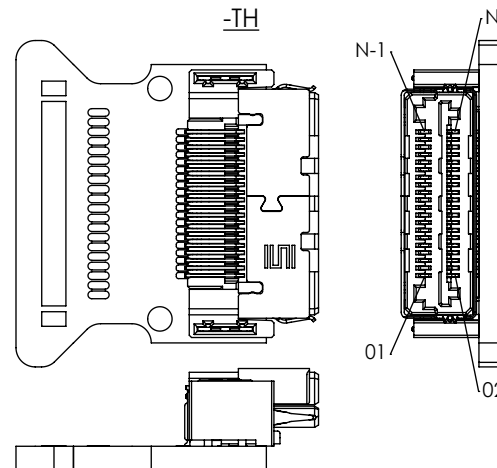


WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N

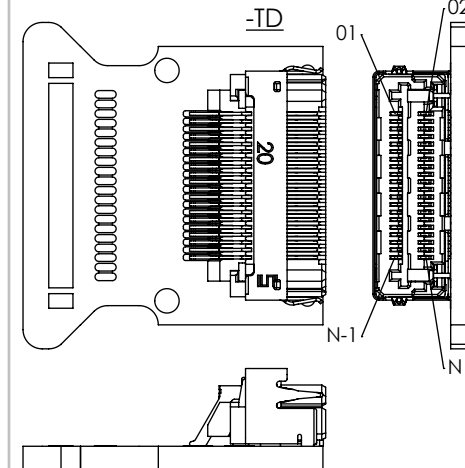


WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N

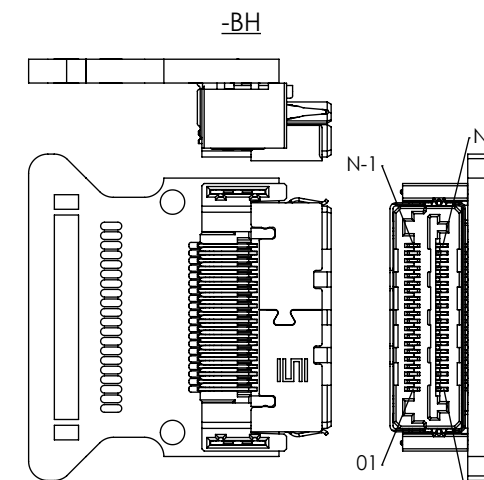
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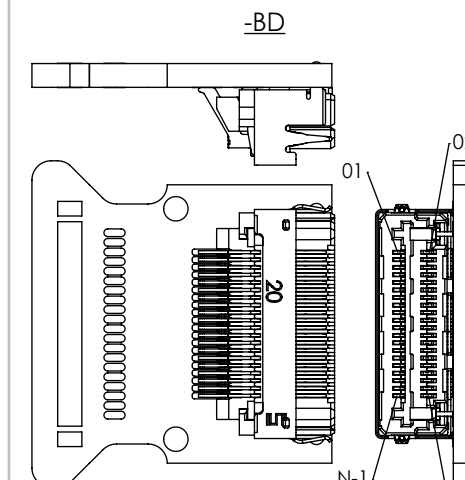
WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N



WIRING OPTION	FIRST END PIN #	SECOND END PIN #
1	1	1
2	1	2
3	1	N-1
4	1	N

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

DESCRIPTION:
LSHM CABLE ASSEMBLY
DWG. NO.
HLCD-XX-XX.XX-XXX-XXX-X-X
BY: ANDREW C 05/29/2013 SHEET 3 OF 4

TABLE 6												
FIRST END OPTION	FIRST END SUB-HLCD-XX-XX-XX-X-XX.X	WRING OPTION	FIRST END PIN #	SECOND END PIN #	SECOND END OPTION (SUB-HLCD-XX-XX-XX-X-L.X.X)							
					-TRX	-TLX	-TD	-TH	-BRX	-BLX	-BD	-BH
-TRX	-XX-01-01-X-L2.5	1	1	1	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
		2	1	2	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		3	1	N-1	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		4	1	N	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
-TLX	-XX-02-01-X-L2.5	1	1	1	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
		2	1	2	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		3	1	N-1	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		4	1	N	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
-TH	-XX-04-01	1	1	1	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
		2	1	2	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		3	1	N-1	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		4	1	N	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
-TD	-XX-03-01	1	1	1	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		2	1	2	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
		3	1	N-1	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
		4	1	N	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
-BRX	-XX-01-01-X-L2.5	1	1	1	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
		2	1	2	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		3	1	N-1	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		4	1	N	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
-BLX	-XX-02-01-X-L2.5	1	1	1	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
		2	1	2	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		3	1	N-1	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		4	1	N	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
-BH	-XX-04-01	1	1	1	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
		2	1	2	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A
		3	1	N-1	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		4	1	N	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
-BD	-XX-03-01	1	1	1	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01
		2	1	2	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02
		3	1	N-1	N/A	-XX-01-02-X-L2.5	N/A	-XX-04-02	-XX-02-02-X-L2.5	N/A	-XX-03-01	N/A
		4	1	N	N/A	-XX-01-01-X-L2.5	N/A	-XX-04-01	-XX-02-01-X-L2.5	N/A	-XX-03-02	N/A

FOR -TRX, -TLX, -BRX, -BLX ADD "S" FOR SCREW DOWN OPTION (I.E. -TLS END OPTION = SUB-HLCD-XX-02-XX-S-L2.5)

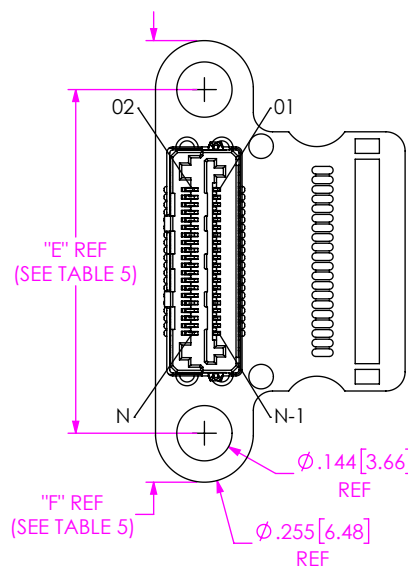


FIG. 2.
VERTICAL
SCREW DOWN OPTION
(HLCD-20-XX.XX-TRS-XXX-X SHOWN)

TABLE 5		
No. OF POSITIONS	"E"	"F"
-005	0.5999 [15.237]	0.855 [21.72]
-010	0.6984 [17.739]	0.953 [24.21]
-020	0.8953 [22.741]	1.150 [29.21]
-030	1.1953 [30.361]	1.450 [36.83]
-040	1.4953 [37.981]	1.750 [44.45]
-050	1.7953 [45.601]	2.050 [52.07]

F:\DWG\MISC\MKTG\HLCD-XX-XX-XXX-XXX-X-X-MKT.SLDRW

TABLE 7							
EXAMPLE SIGNAL MAPPING - HLCD-20-XX.XX-XXX-XXX-1							
END 1	1	3	5	...	35	37	39
NAME	SIG	SIG	SIG	...	SIG	SIG	SIG
END 2	1	3	5	...	35	37	39
END 1	2	4	6	...	36	38	40
NAME	SIG	SIG	SIG	...	SIG	SIG	SIG
END 2	2	4	6	...	36	38	40
LSHM SHIELD TIED TO COAX SHIELD FOR GROUND RETURN							

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SHEET SCALE: 1:25:1

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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 55322

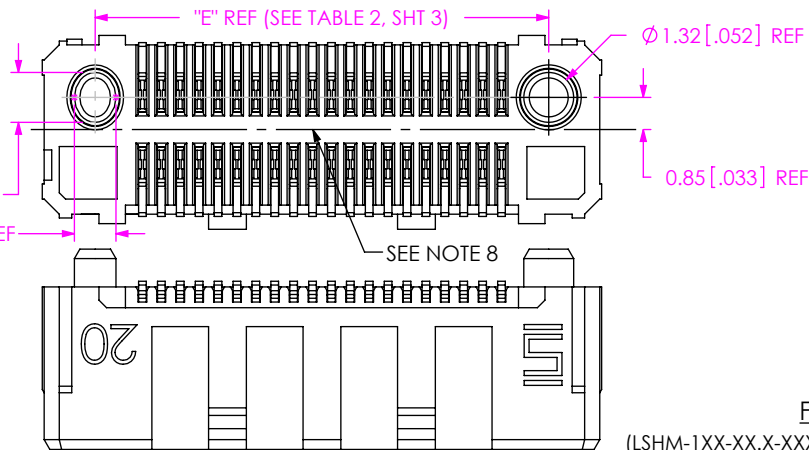
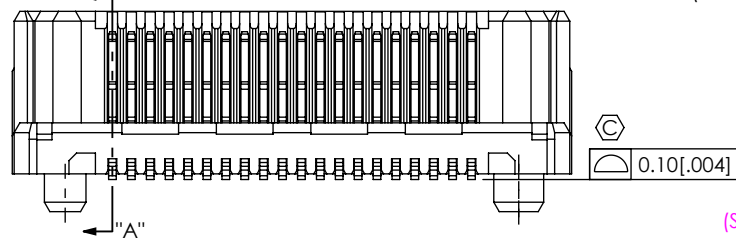
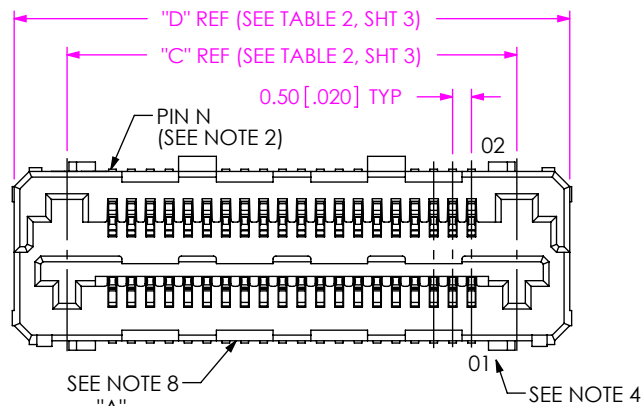
DESCRIPTION:

LSHM CABLE ASSEMBLY

DWG. NO.

HLCD-XX-XX.XX-XXX-XXX-X-X

BY: ANDREW C 05/29/2013 SHEET 4 OF 4



NO OF POSITIONS
05, 10, 20, 30, 40, 50

LEAD STYLE
-02.5
-03.0
-04.0
-06.0
-L2.5: LUBRICATED (SEE NOTE 12)
-L3.0: LUBRICATED (SEE NOTE 12)
-L4.0: LUBRICATED (SEE NOTE 12)
-L6.0: LUBRICATED (SEE NOTE 12)

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
-SL: 30" SELECTIVE GOLD IN CONTACT AREA, TIN/LEAD (90/10 +/- 5%) TAIL (SEE NOTE 9) (SEE NOTE 11)

PACKAGING
-TR: TAPE & REEL (SEE NOTE 6)
-FR: FULL REEL QTY. TAPE & REEL (SEE NOTE 10)

OPTION
-K: POLYIMIDE FILM (USE K-DOT-.138-.250-.005) (SEE FIG 3, SHT 3)

SHIELD
S: WITH SHIELD
N: NO SHIELD

TAIL OPTION
DV:VERTICAL

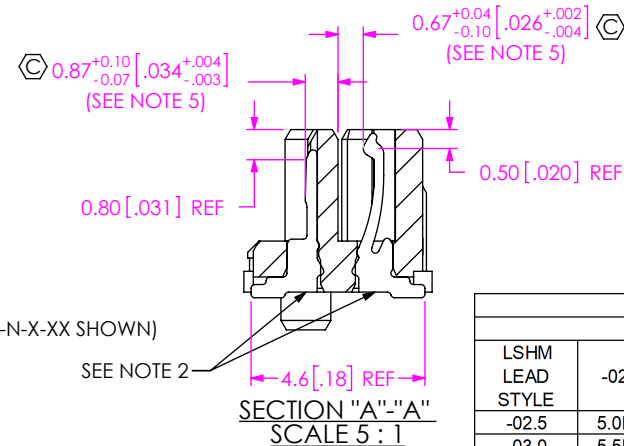
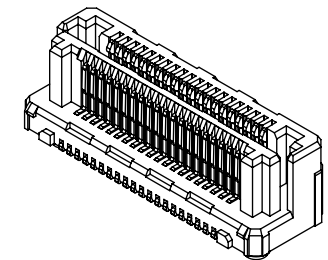
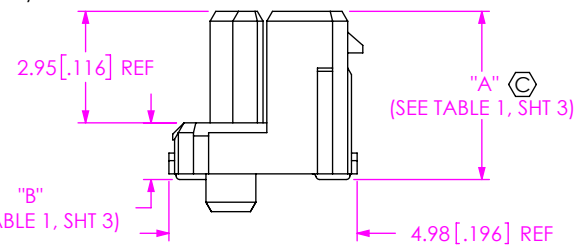


FIG 1

(LSHM-1XX-XX.X-XXX-DV-A-N-X-XX SHOWN)

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. BREAKOFF BURR ALLOWANCE .054 [.0021].
3. MINIMUM PUSHOUT FORCE TERMINALS & CONTACTS: 1.78 N [0.4 LBS] FOR -02.5 LEADSTYLE, 2.22 N [0.5 LBS] FOR ALL OTHER LEADSTYLES.
4. WHEN MATING WITH ANOTHER LSHM-DV, PIN 01 WILL MATE WITH CONTACT 02 ON MATING CONNECTOR. WHEN MATING WITH A LSHM-DH, PIN 01 WILL MATE WITH PIN N, WHERE N=TOTAL NUMBER OF POSITIONS.
5. MEASURE FROM TOP OF VERTICAL WALL.
6. ORDERS WILL BE PACKAGED ACCORDING TO THE SAMTEC PACKAGING EFFICIENCY STANDARDS (SPES) FOUND ON WWW.SAMTEC.COM
7. FOR APPLICATION REQUIRING TWO OR MORE CONNECTORS PER BOARD, CONTACT IPG@SAMTEC.COM.
8. VOID CORING ON THIS SURFACE MAY VARY DEPENDING ON LEAD STYLE AND POSITION COUNT.
9. FOR SL/-STL PLATING:
- USE SUB-C-261-X1-STL FOR -02.5 LEAD STYLE
- USE SUB-C-185-X1-STL FOR -03.0 LEAD STYLE
- ALL OTHER LEAD STYLES USE STANDARD -STL PLATED PIN
10. ATTACH LABEL-4X2 TO EACH REEL.
11. -STL CALLOUT IS VALID FOR EXISTING CUSTOMERS ONLY, NEW CUSTOMERS WILL USE -SL.
12. CLEANING OF THE CONNECTOR MAY REMOVE LUBRICANT. MASKING OF THE CONNECTOR CONTACTS IS RECOMMENDED PRIOR TO ANY WASH/CLEANING PROCESS.

TABLE 4-REF
STACK HEIGHT

LSHM LEAD STYLE	-02.5	-03.0	-04.0	-06.0
-02.5	5.0MM	--	--	--
-03.0	5.5MM	6.0MM	--	--
-04.0	6.5MM	7.0MM	8.0MM	--
-06.0	8.5MM	9.0MM	10.0MM	12.0MM

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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MATERIAL: DO NOT SCALE DRAWING
INSULATOR: LCP, UL 94 V0; COLOR: BLACK
CONTACT OR TERMINAL: PHOS BRONZE
SHIELD: STAINLESS STEEL

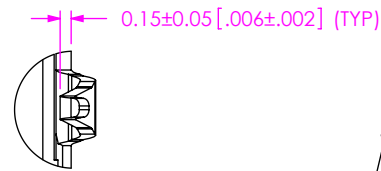
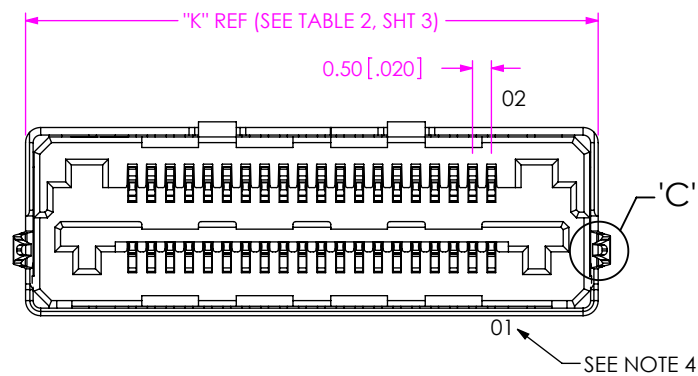
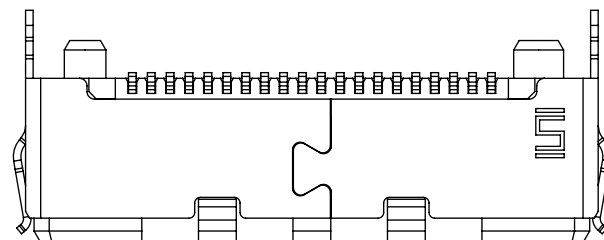
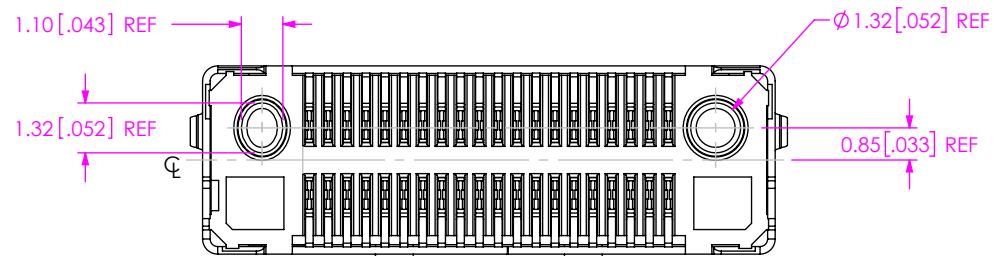
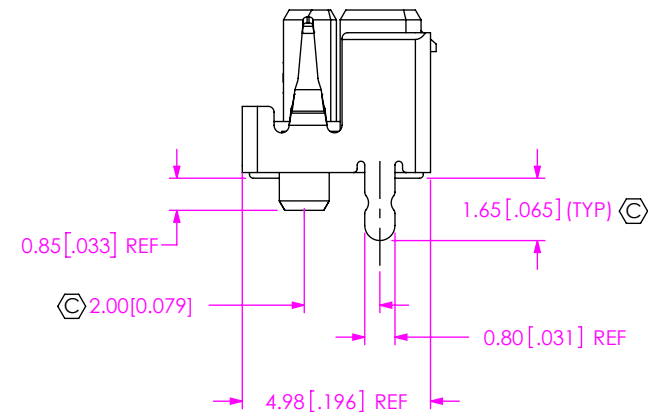
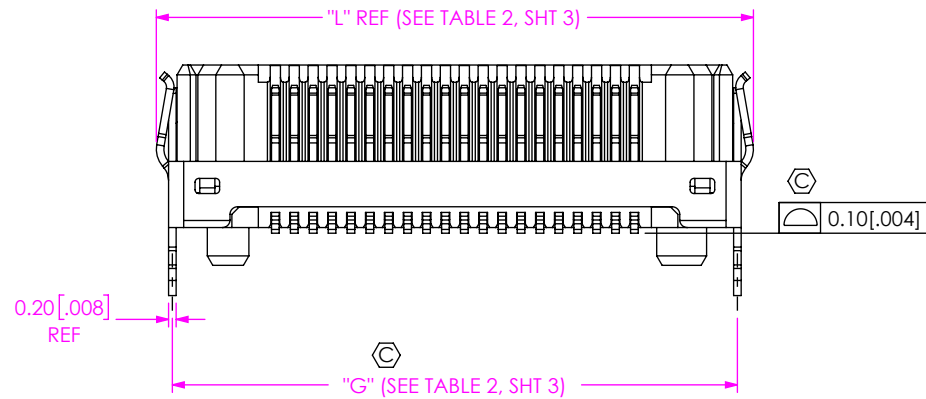
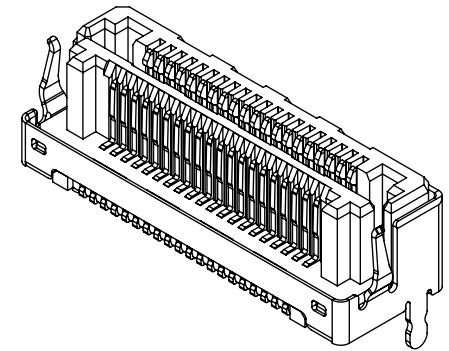
SHEET SCALE: 2:1

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DESCRIPTION:
0.50mm TERMINAL/SOCKET COMBO

DWG. NO.
LSHM-1XX-XX.X-XXX-DV-A-X-X-XX

DETAIL 'C'
SCALE 10:1FIG 2
(LSHM-1XX-XX.X-XXX-DV-A-S-X-XX SHOWN)

c:\enterprise\dwg\misc\mktg\LSHM-1XX-XX.X-XXX-DV-A-S-X-XX-MKT.SLDDRW

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0.50mm TERMINAL/SOCKET COMBO

DWG. NO.
LSHM-1XX-XX.X-XXX-DV-A-S-X-XX

BY: AGEN H 10/30/2008 SHEET 2 OF 3

TABLE 1			
STYLE	"A"	"B"	"J"
-02.5	3.95 [0.156]	1.00 [0.039]	4.10 [0.161]
-03.0	4.45 [0.175]	1.50 [0.059]	4.60 [0.181]
-04.0	5.45 [0.215]	2.50 [0.098]	5.60 [0.220]
-06.0	7.45 [0.293]	4.50 [0.177]	7.60 [0.299]

TABLE 2							
No OF POS	"C"	"D"	"E"	"G"	"H"	"K"	"L"
-05	4.40 [0.173]	7.20 [0.283]	4.50 [0.177]	7.45 [0.293]	1.85 [0.073]	7.65 [0.301]	8.30 [0.327]
-10	6.90 [0.272]	9.70 [0.382]	7.00 [0.276]	9.95 [0.392]	3.10 [0.122]	10.15 [0.400]	10.80 [0.425]
-20	11.90 [0.469]	14.70 [0.579]	12.00 [0.472]	14.95 [0.589]	5.60 [0.220]	15.15 [0.596]	15.80 [0.622]
-30	16.90 [0.665]	19.70 [0.776]	17.00 [0.669]	19.95 [0.785]	8.10 [0.319]	20.15 [0.793]	20.80 [0.819]
-40	21.90 [0.862]	24.70 [0.972]	22.00 [0.866]	24.95 [0.982]	10.60 [0.417]	25.15 [0.990]	25.80 [1.016]
-50	26.90 [1.059]	29.70 [1.169]	27.00 [1.063]	29.95 [1.179]	13.10 [0.516]	30.15 [1.187]	30.80 [1.213]

TABLE 3				
LEAD STYLE	SHIELD	BODY	CONTACT (SEE NOTE 9)	SHIELD
-02.5	N	LSHM-XX-02.5-DV-A	C-261-01-XXX	N/A
-03.0	N	LSHM-XX-03.0-DV-A	C-185-01-XXX	N/A
-04.0	N	LSHM-XX-04.0-DV-A	C-185-03-XXX	N/A
-06.0	N	LSHM-XX-06.0-DV-A	C-185-02-XXX	N/A
-02.5	S	LSHM-XX-02.5-DV-A	C-261-01-XXX	SH26-XX-02.5-DV-N
-03.0	S	LSHM-XX-03.0-DV-A	C-185-01-XXX	SH26-XX-03.0-DV-N
-04.0	S	LSHM-XX-04.0-DV-A	C-185-03-XXX	SH26-XX-04.0-DV-N
-06.0	S	LSHM-XX-06.0-DV-A	C-185-02-XXX	SH26-XX-06.0-DV-N
-L2.5	N	LSHM-XX-02.5-DV-A	C-261-L1-XXX	N/A
-L3.0	N	LSHM-XX-03.0-DV-A	C-185-L1-XXX	N/A
-L4.0	N	LSHM-XX-04.0-DV-A	C-185-L3-XXX	N/A
-L6.0	N	LSHM-XX-06.0-DV-A	C-185-L2-XXX	N/A
-L2.5	S	LSHM-XX-02.5-DV-A	C-261-L1-XXX	SH26-XX-02.5-DV-N
-L3.0	S	LSHM-XX-03.0-DV-A	C-185-L1-XXX	SH26-XX-03.0-DV-N
-L4.0	S	LSHM-XX-04.0-DV-A	C-185-L3-XXX	SH26-XX-04.0-DV-N
-L6.0	S	LSHM-XX-06.0-DV-A	C-185-L2-XXX	SH26-XX-06.0-DV-N

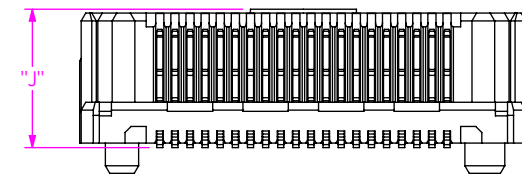
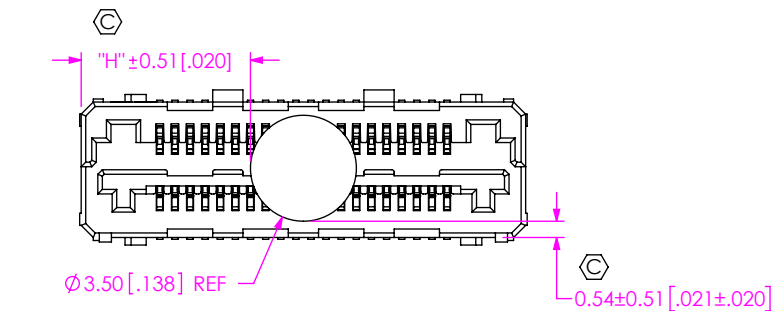


FIG 3
-K OPTION
(LSHM-120-XX.X-XXX-DV-A-N-K-XX SHOWN)

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