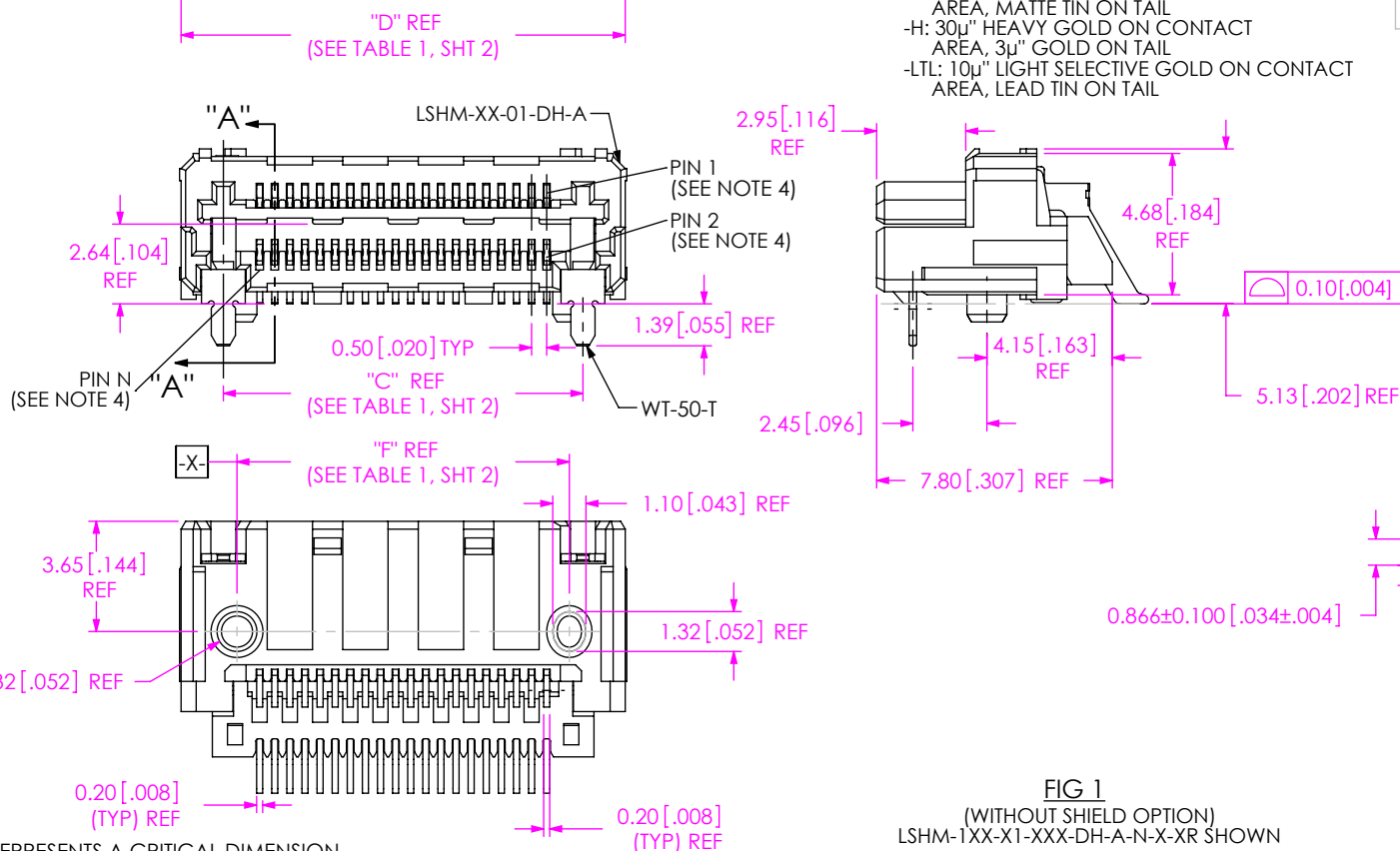


DO NOT
SCALE FROM
THIS PRINTDESIGNED & DIMENSIONED
IN MILLIMETERS[INCHES]

LSHM-1XX-XX-XXX-DH-A-X-X-XR

No OF POSITIONS
-05, -10, -20, -30, -40, -50LEAD STYLE
-01: RIGHT ANGLE ONLY
-L1: LUBRICATED
(SEE TABLE 2, SHT 5)
(SEE NOTE 11)PLATING SPECIFICATION
-L: 10µ" LIGHT SELECTIVE GOLD ON CONTACT
AREA, MATTE TIN ON TAIL
-F: 3µ" FLASH SELECTIVE GOLD ON CONTACT
AREA, MATTE TIN ON TAIL
-S: 30µ" FLASH SELECTIVE GOLD ON CONTACT
AREA, MATTE TIN ON TAIL
-H: 30µ" HEAVY GOLD ON CONTACT
AREA, 3µ" GOLD ON TAIL
-LTL: 10µ" LIGHT SELECTIVE GOLD ON CONTACT
AREA, LEAD TIN ON TAILTAPE & REEL (SEE NOTES 6 & 9)
-TR: TAPE & REEL
-FR: FULL REEL QTY. TAPE & REELOPTION
-K: POLYAMIDE FILM
(USE K-DOT-.177-.281-.005)
(NOT AVAILABLE WITH -05 POS
WHEN -N OPTION SELECTED)SHIELD
-S: WITH SHIELD
-N: WITHOUT SHIELDTAIL OPTION
-DH: RIGHT ANGLEFIG 1
(WITHOUT SHIELD OPTION)
LSHM-1XX-X1-XXX-DH-A-N-X-XR SHOWNSECTION "A"-"A"
SCALE 4 : 1

NOTES:

1. Ⓢ REPRESENTS A CRITICAL DIMENSION.
2. REFER TO COMPONENT PRINTS FOR MAX BURR ALLOWANCE.
3. MINIMUM PUSHOUT FORCE: BOTH CONTACT AND WELD TAB ARE 2.22 N [.5 LBS].
4. WHEN MATING WITH ANOTHER LSHM-DH, PIN 01 WILL MATE WITH CONTACT 02 ON MATING CONNECTOR. WHEN MATING WITH A LSHM-DV, PIN 01 WILL MATE WITH PIN N, WHERE N=TOTAL NUMBER OF POSITIONS MULTIPLY BY TWO.
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 APPLICATIONS REQUIRING TWO OR MORE CONNECTORS PER BOARD, CONTACT IPG@SAMTEC.COM.
8. USE -Z- DATUM ZONE ONLY FOR MEASUREMENTS.
9. ATTACH LABEL TO EACH REEL.
10. IT NEEDS TO INSPECT BOTTOM ROW CONTACTS, TOP ROW CONTACTS, TWO WELD TAB WT-135-X.
11. CLEANING OF THE CONNECTOR MAY REMOVE LUBRICANT. MASKING OF THE CONNECTOR CONTACTS IS RECOMMENDED PRIOR TO ANY WASH/CLEANING PROCESS.

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]* PROPRIETARY NOTE
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REPRODUCED, TRANSFERRED OR INCORPORATED IN ANY
OTHER PRODUCT IN ANY MANNER WITHOUT THE EXPRESS
WRITTEN CONSENT OF SAMTEC, INC.MATERIAL: DO NOT SCALE DRAWING
INSULATOR: BLACK, LCP, UL 94 V0
TERMINAL: PHOS BRONZE
SHIELD: STAINLESS STEEL
WELD TAB: COPPER

SHEET SCALE: 1:0.2

samtec

520 PARK EAST BLVD, NEW ALBANY, IN 47150
PHONE: 812-944-6733 FAX: 812-948-5047
e-Mail: info@SAMTEC.COM code 55322DESCRIPTION:
0.50mm TERMINAL/SOCKET COMBO
DWG. NO.
LSHM-1XX-XX-XXX-DH-A-X-X-XR
BY: AGEN H 10/30/2008 SHEET 1 OF 5

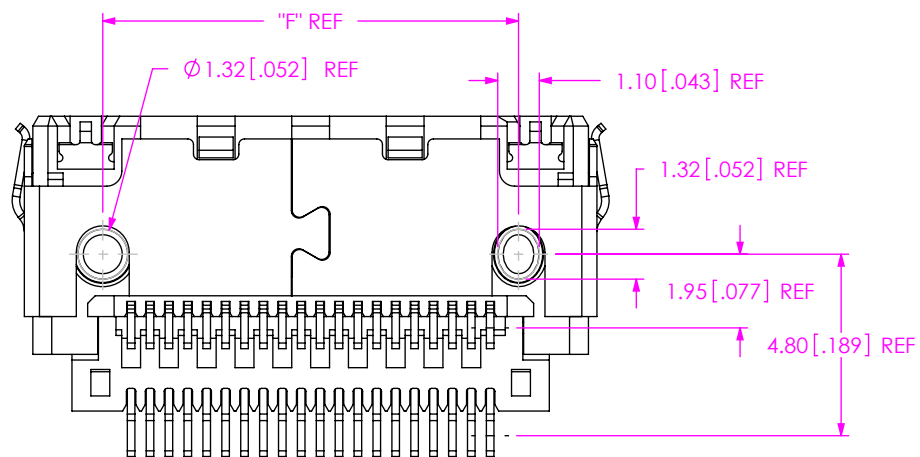
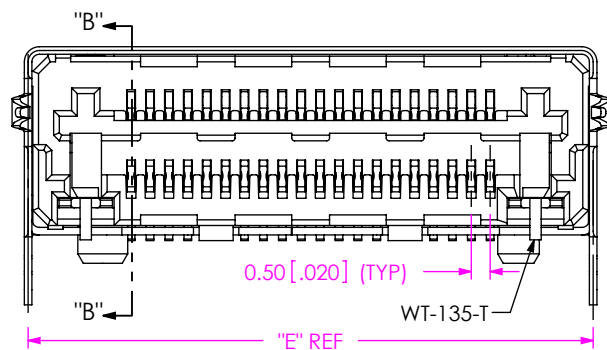
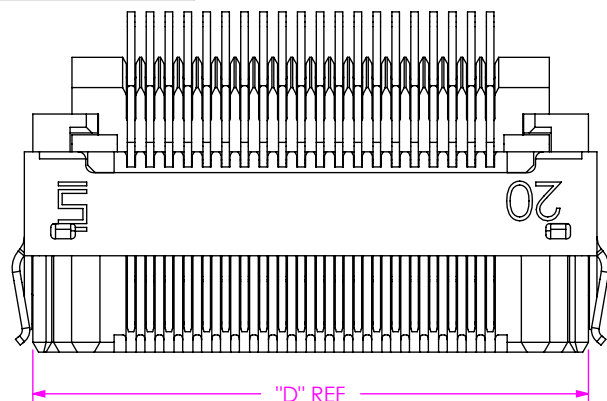


FIG 2
(SHIELD OPTION)
LSHM-1XX-X1-XXX-DH-A-S-X-XR SHOWN

c:\enterprisevault\DWG\MISC\MKTG\LSHM-1XX-XX-XXX-DH-A-X-X-XR-MKT.SLDDRW

TABLE 1					
No OF POS	"C"	"D"	"E"	"F"	"G"
-05	4.40 [0.173]	7.20 [0.283]	7.45 [0.293]	3.50 [0.138]	1.35 [0.053]
-10	6.90 [0.272]	9.70 [0.382]	9.95 [0.392]	6.00 [0.236]	2.60 [0.102]
-20	11.90 [0.469]	14.70 [0.579]	14.95 [0.589]	11.00 [0.433]	5.10 [0.201]
-30	16.90 [0.665]	19.70 [0.776]	19.95 [0.785]	16.00 [0.630]	7.60 [0.299]
-40	21.90 [0.862]	24.70 [0.972]	24.95 [0.982]	21.00 [0.827]	10.10 [0.398]
-50	26.90 [1.059]	29.70 [1.169]	29.95 [1.179]	26.00 [1.024]	12.60 [0.496]

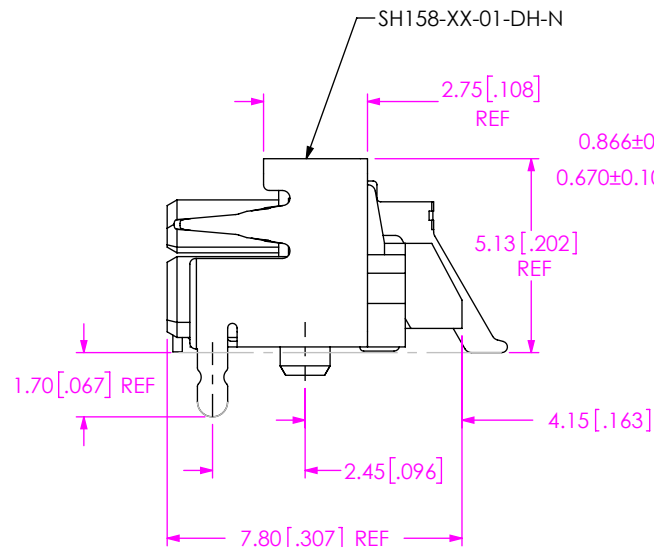
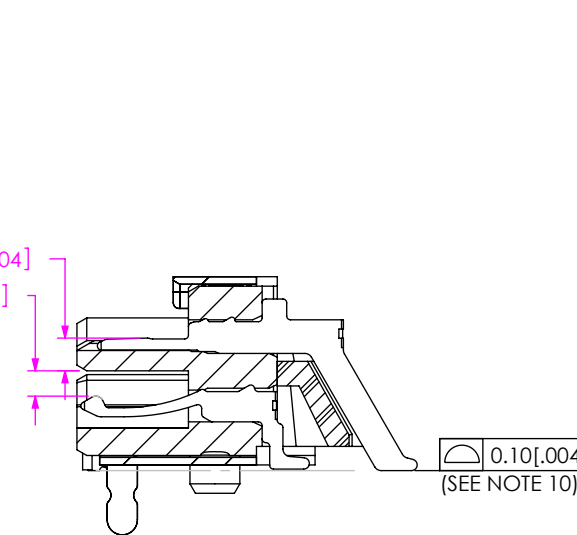
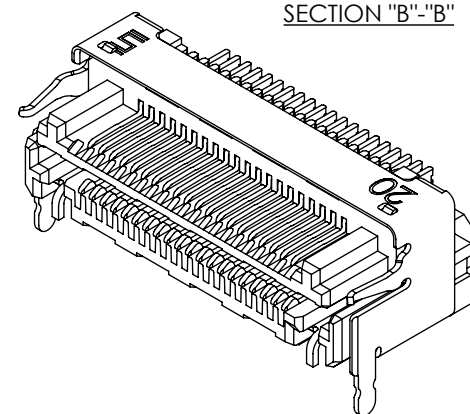


TABLE 1

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SECTION "B"-"B"



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SHEET SCALE: 1:0.2

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:
0.50mm TERMINAL/SOCKET COMBO

DWG. NO.
LSHM-1XX-XX-XXX-DH-A-X-X-XR

BY: AGEN H 10/30/2008 SHEET 2 OF 5

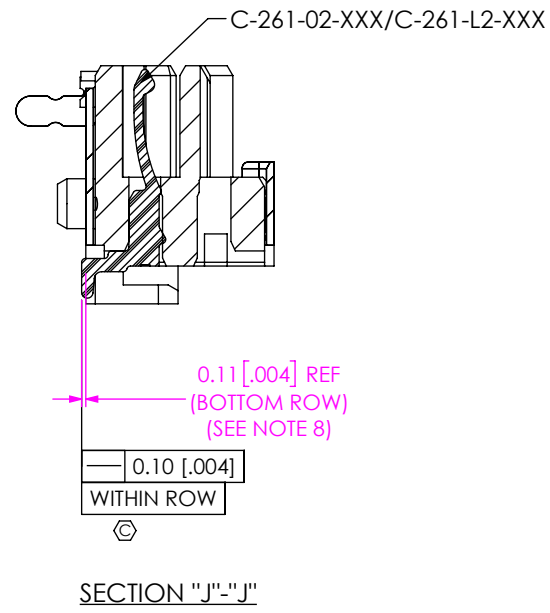
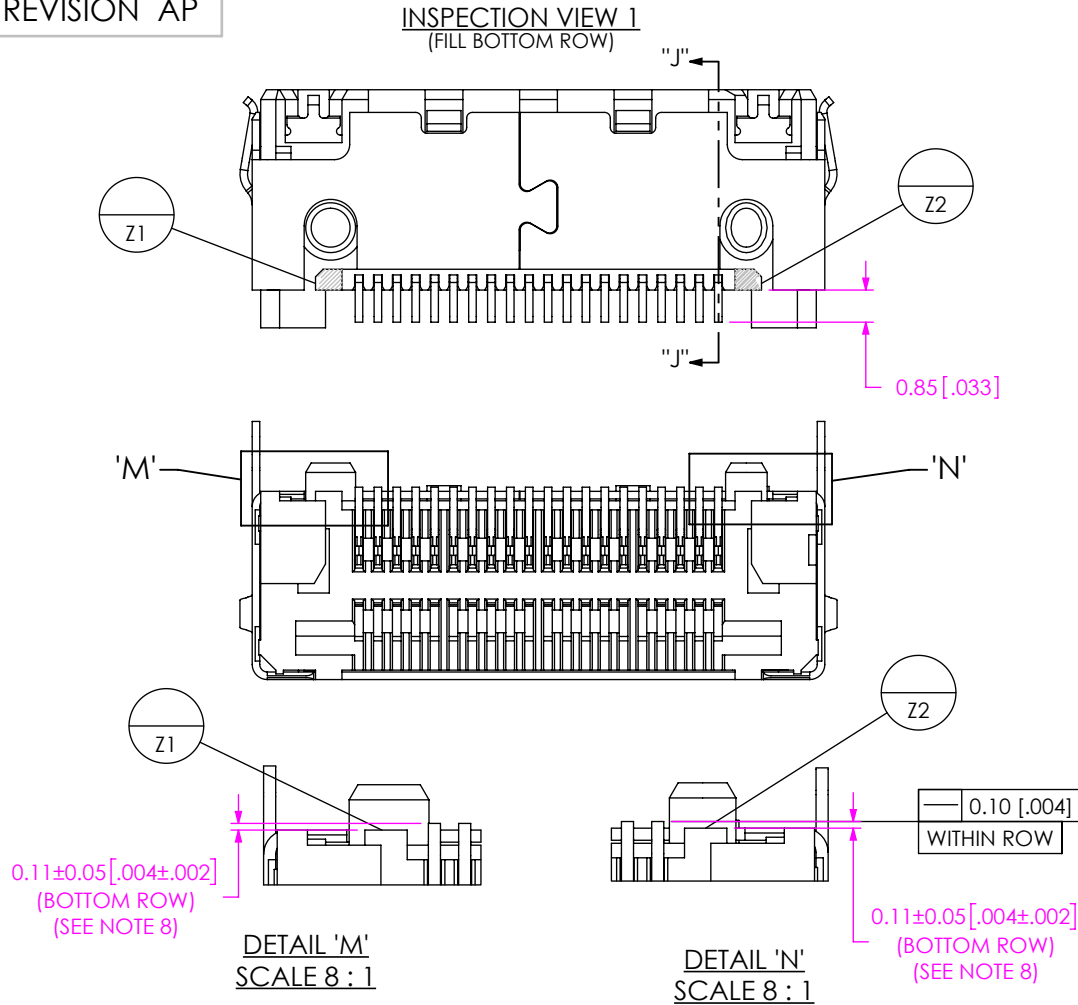
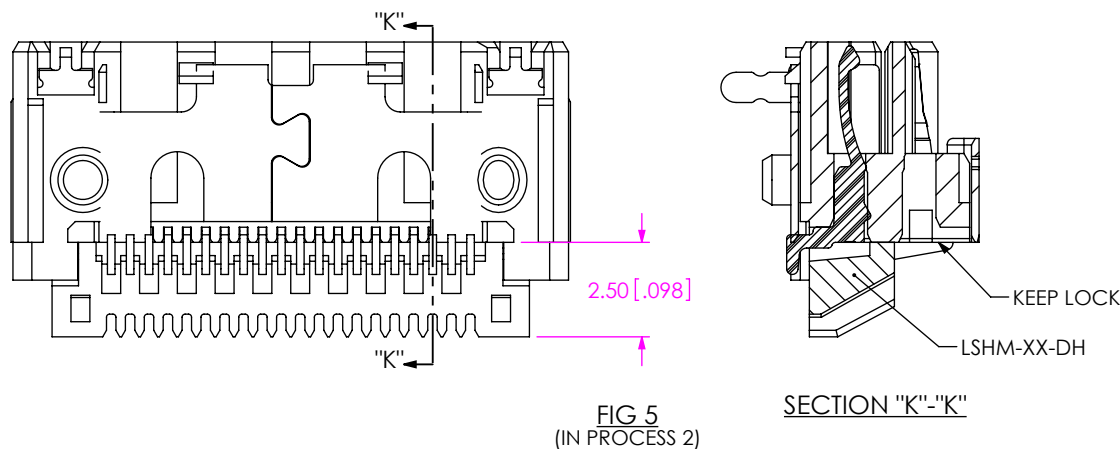
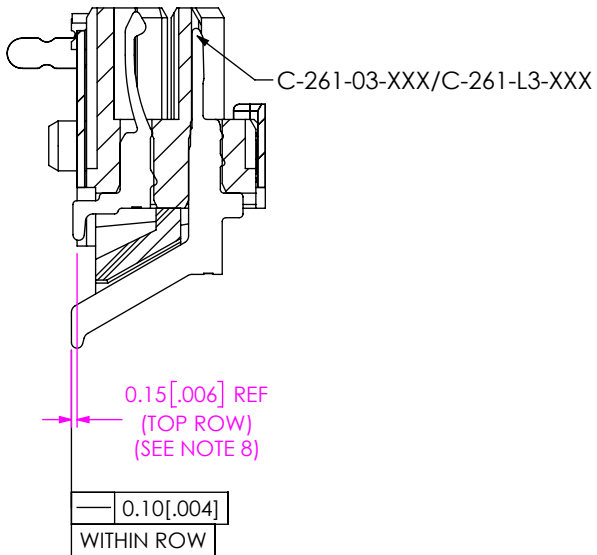
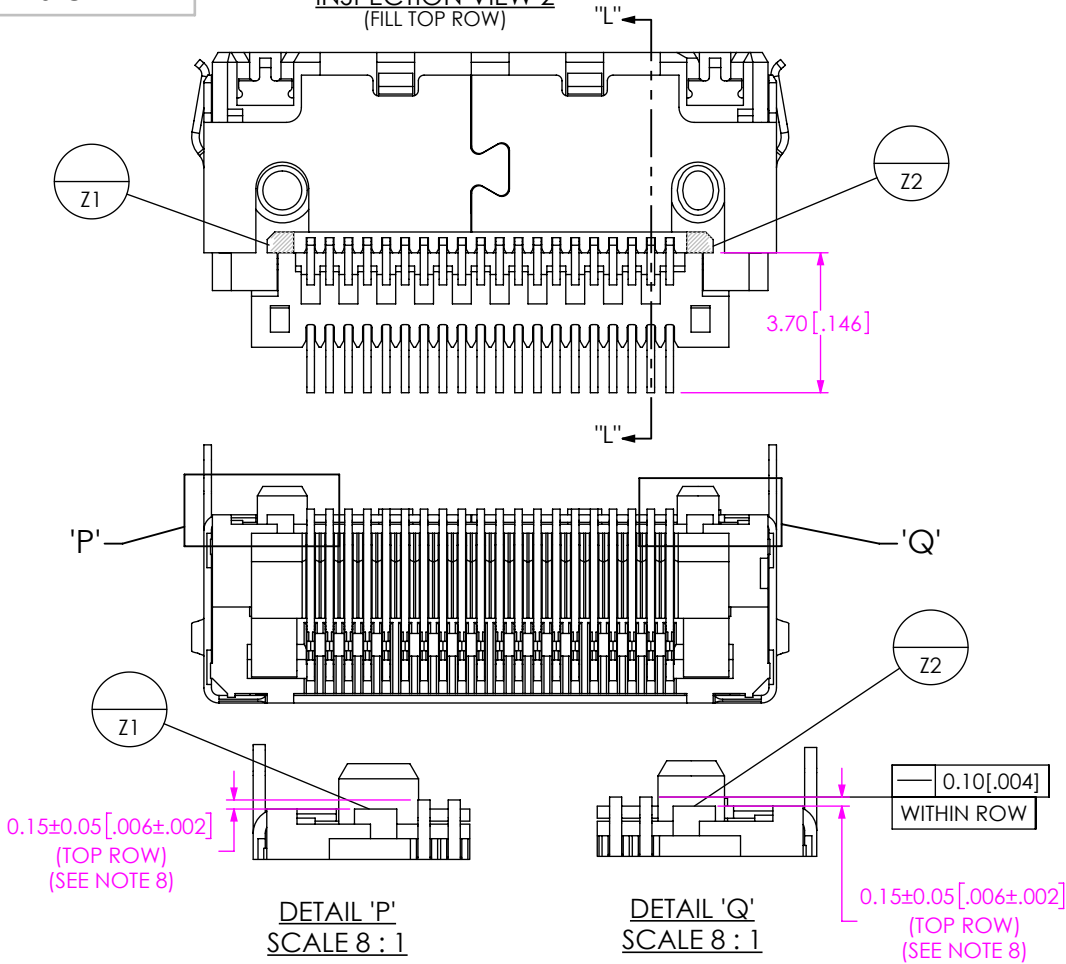


FIG 4
(IN PROCESS 1)
(SEE INSPECTION VIEW 1 FOR ORIENTATION AND CPC'S)



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<p>DO NOT SCALE DRAWING SHEET SCALE: 5:1</p>	
<p>DESCRIPTION: 0.50mm TERMINAL/SOCKET COMBO</p>	
<p>DWG. NO. LSHM-1XX-XX-XXX-DH-A-X-X-XR</p>	
<p>BY: AGEN H</p>	<p>10/30/2008 SHEET 3 OF 5</p>

INSPECTION VIEW 2
(FILL TOP ROW)



SECTION "L"- "L"

FIG 6
(IN PROCESS 3)
(SEE INSPECTION VIEW 2 FOR ORIENTATION AND CPC'S)

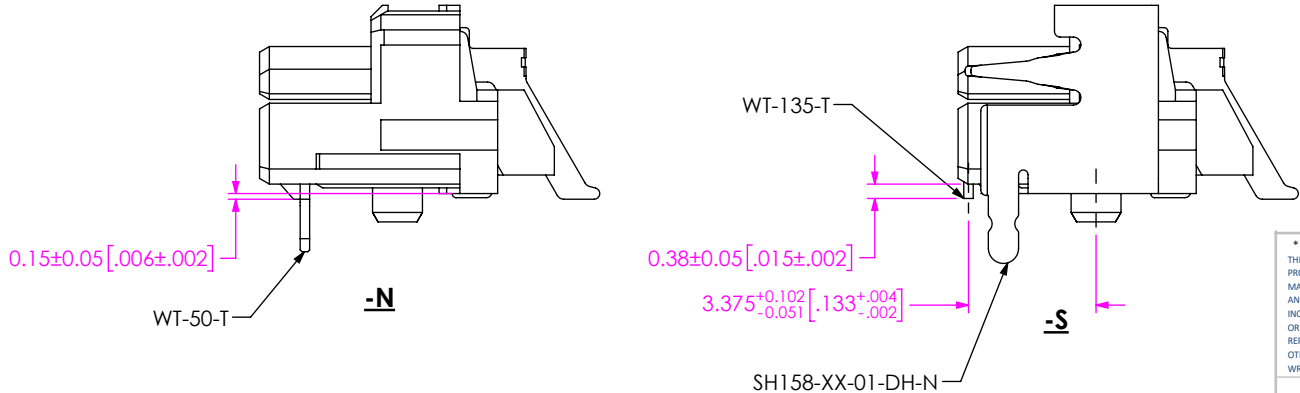


FIG 7
(IN PROCESS 4)

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<p>DO NOT SCALE DRAWING</p> <p>SHEET SCALE: 5:1</p>	
<p>DESCRIPTION:</p> <p>0.50mm TERMINAL/SOCKET COMBO</p>	
<p>DWG. NO.</p> <p>LSHM-1XX-XX-XXX-DH-A-X-X-XR</p>	
<p>BY: AGEN H</p>	<p>10/30/2008</p>
<p>SHEET 4 OF 5</p>	

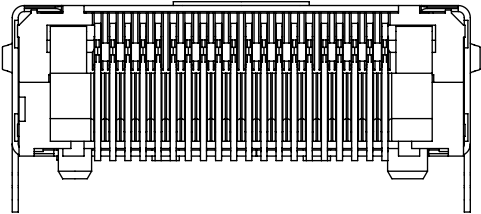
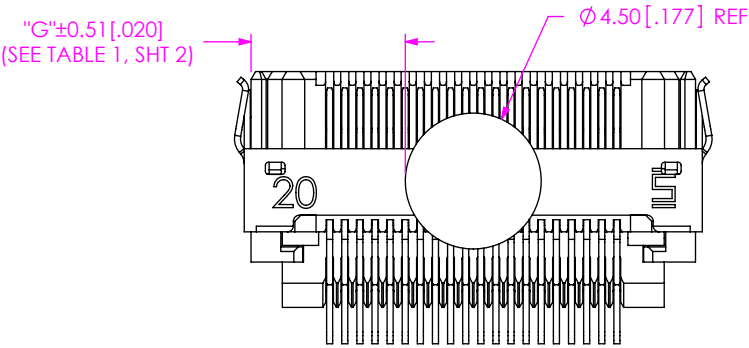



FIG 8
LSHM-1XX-X1-XXX-DH-A-S-X-XR SHOWN

TABLE 2	
LEAD STYLE	CONTACT
-01	C-261-02-XXX
	C-261-03-XXX
-L1	C-261-L2-XXX
	C-261-L3-XXX

c:\enterprisevault\DWG\MISC\MKTG\LSHM-1XX-XX-XXX-DH-A-X-X-XR-MKT.SLDDRW

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	DO NOT SCALE DRAWING		
	DESCRIPTION: 0.50mm TERMINAL/SOCKET COMBO		
	DWG. NO. LSHM-1XX-XX-XXX-DH-A-X-X-XR		
BY: AGEN H		10/30/2008	SHEET 5 OF 5