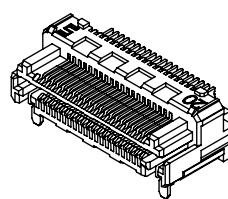
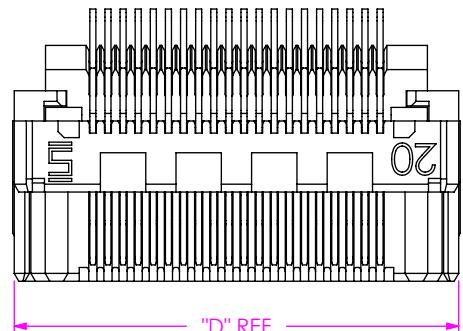


DO NOT
SCALE FROM
THIS PRINT

DESIGNED & DIMENSIONED IN MILLIMETERS [INCHES]

LSHM-1XX-XX-X-DH-A-X-X-TR



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

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

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

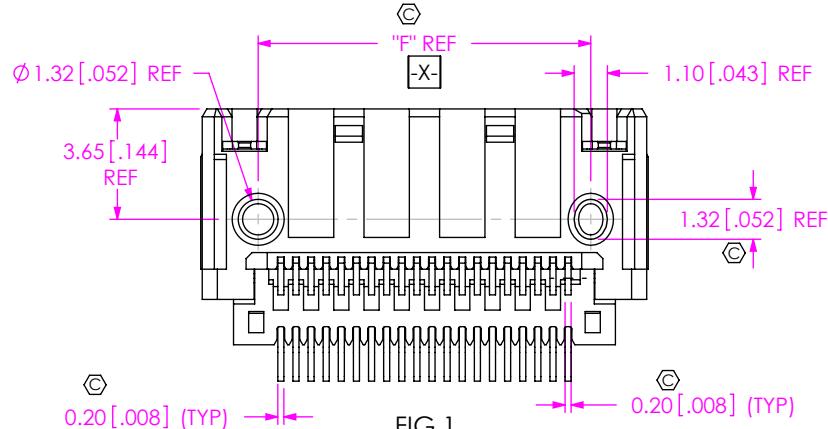
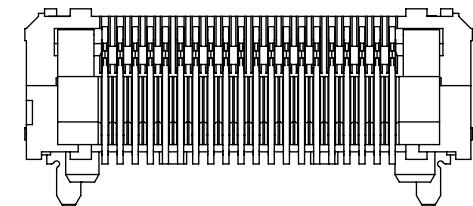
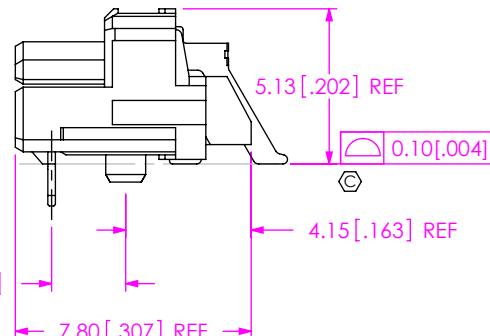


FIG 1
LSHM-1XX-X1-XX-PH-A-N-X-XX SHOWN

NOTES:

1. ~~0.0015~~ REPRESENTS A CRITICAL DIMENSION.

2. ~~0.0015~~ BURR ALLOWANCE: .038(.00151) .

3. MINIMUM PUSHOUT FORCE; TERMINALS: 2.22 N [.5 LBS], CONTACTS: 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

5. MEASURE FROM TOP OF VERTICAL WALL.

6. 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.

7. FOR APPLICATIONS REQUIRING TWO OR MORE CONNECTORS PER BOARD,
CONTACT IPG@SAMTEC.COM.

8. USE -Z- DATUM ZONE ONLY FOR MEASUREMENTS

E:\DWG\MISC\MKTG\SHM-1XX-XX-X-DH-A-X-X-TR-MKT S1.DDRW

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MATERIAL: DO NOT SCALE DRAWING **SHEET SCALE:** 1:0.0
INSULATOR: BLACK, LCP, UL 94 V0
TERMINAL: PHOS BRONZE
SHIELD: STAINLESS STEEL
WELD TAB: COPPER

SECTION "A"- "A"
SCALE 4 : 1

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50mm TERMINAL / SOCKET COMBO

SOCKET TERMINAL/SOCKET COMBO

CEM-111 - 12/20/2020

GEN H 10/30/2008 SHEET 1 OF 5

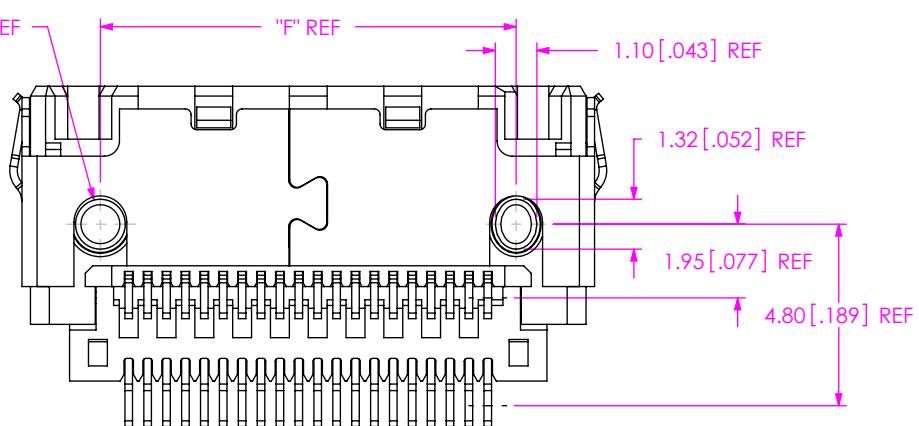
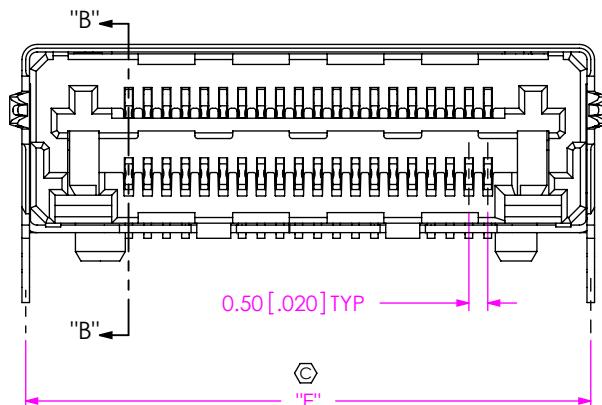
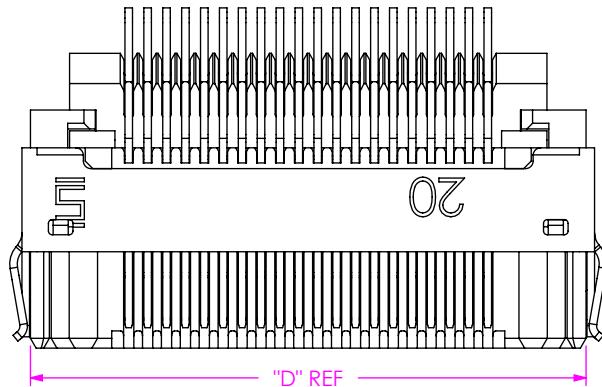
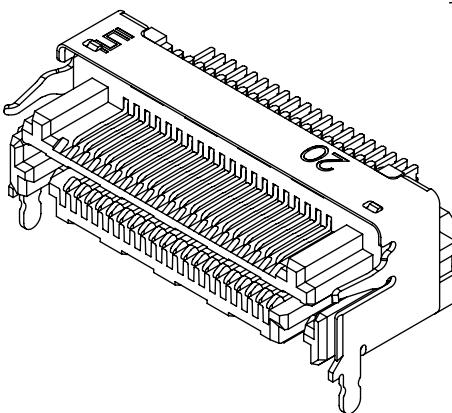
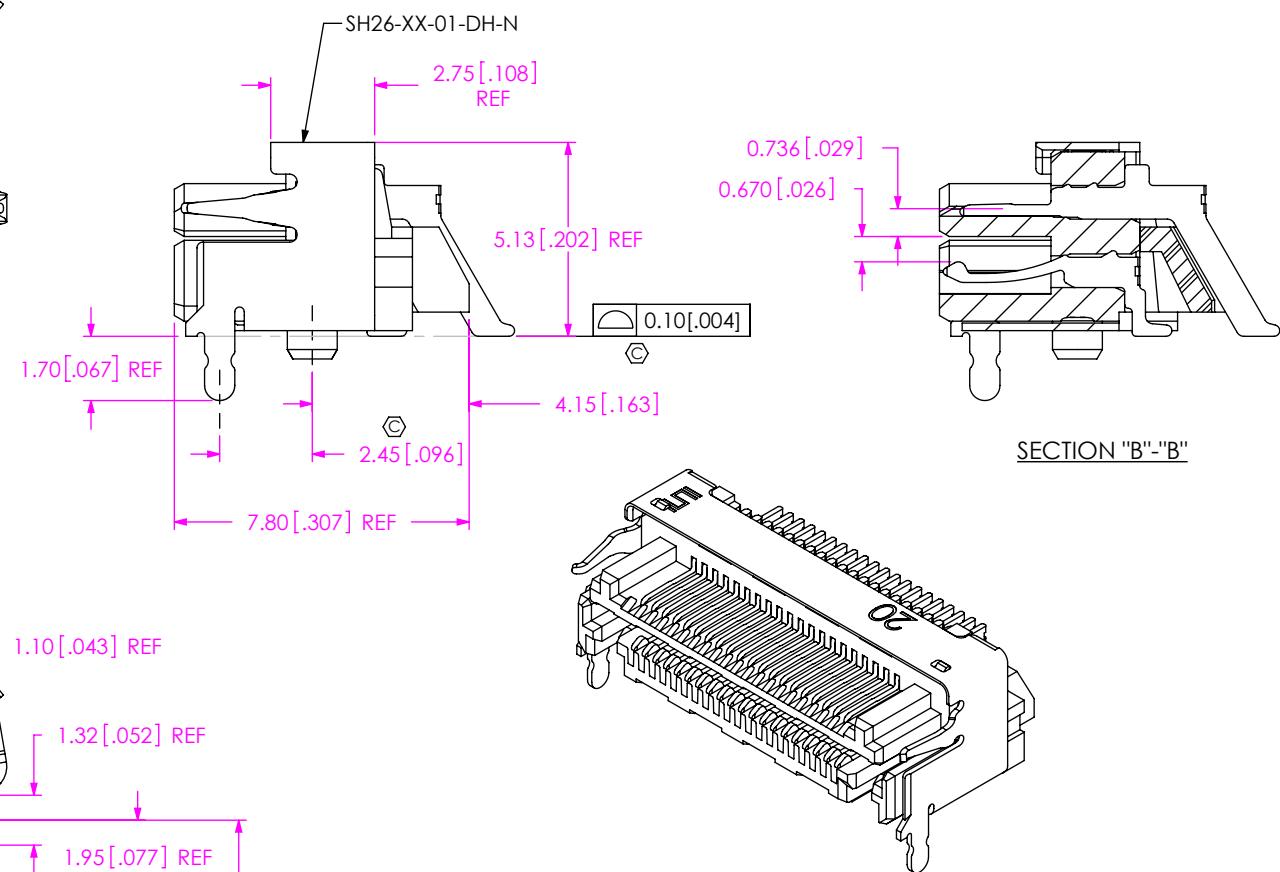


FIG 2
(SHIELD OPTION)
LSHM-1XX-X1-XX-DH-A-S-XX-XX SHOWN

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]



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Samtec

DESCRIPTION: 0.50mm TERMINAL/SOCKET COMBO

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

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

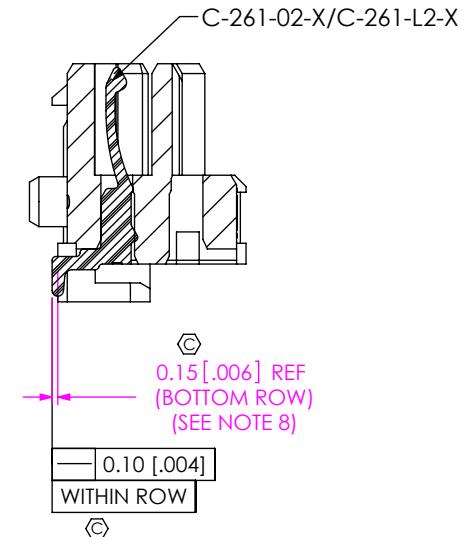
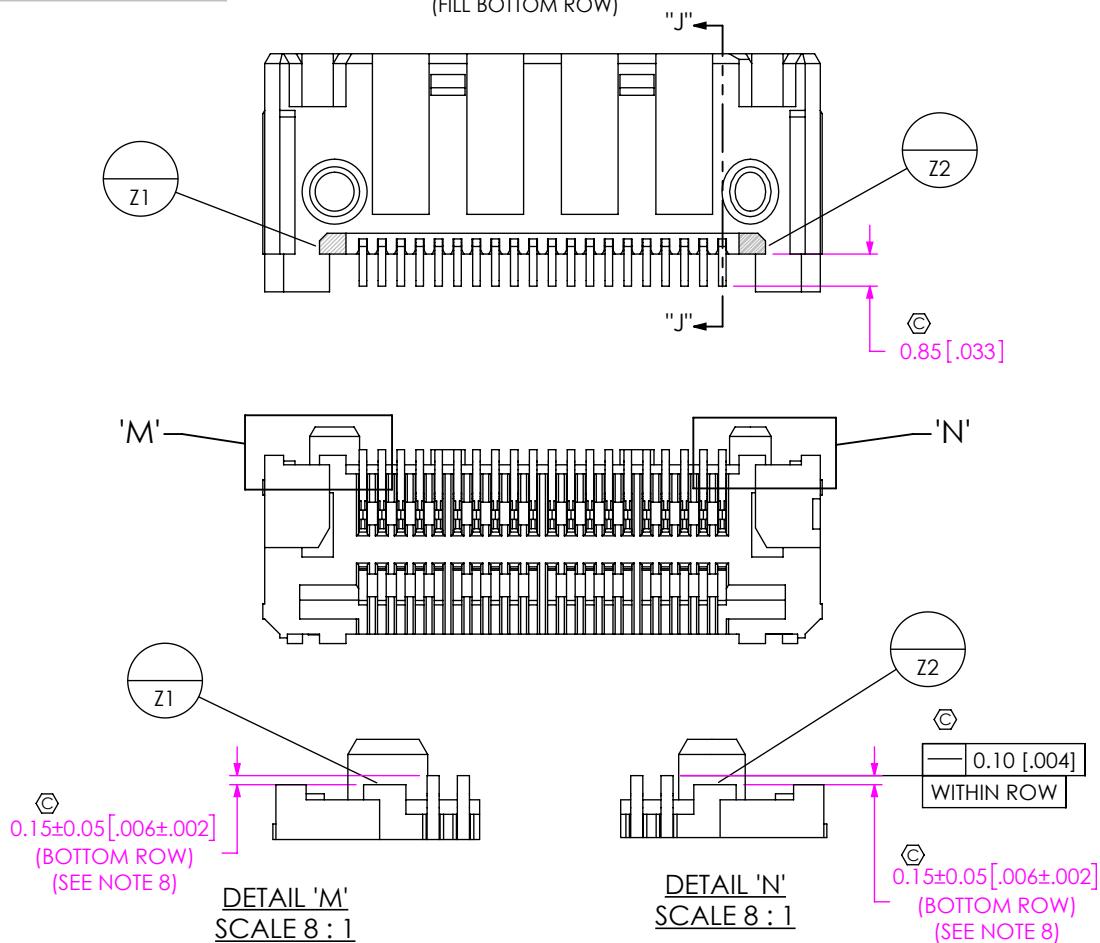
INSPECTION VIEW 1
(FILL BOTTOM ROW)

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

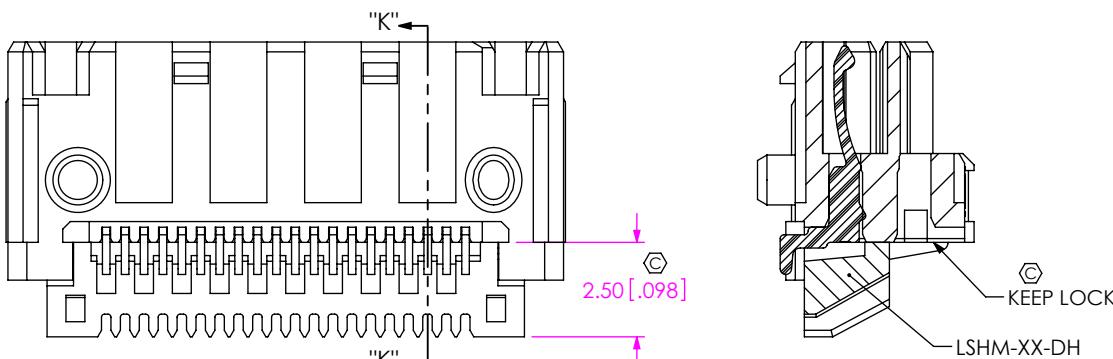


FIG 5
(IN PROCESS 2)

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e-Mail: info@SAMTEC.com code 55322

DESCRIPTION: 0.50mm TERMINAL/SOCKET COMBO

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

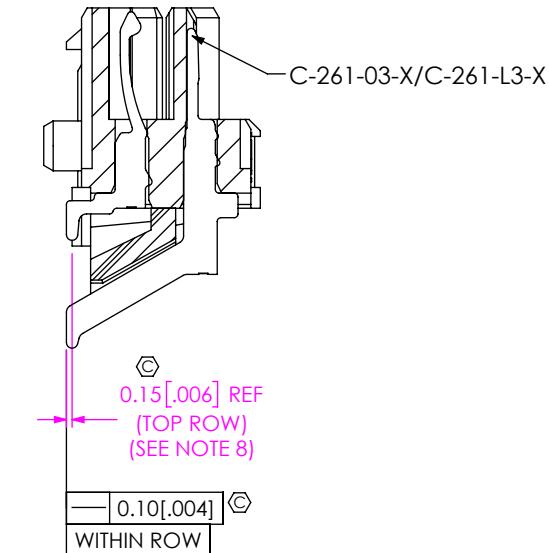
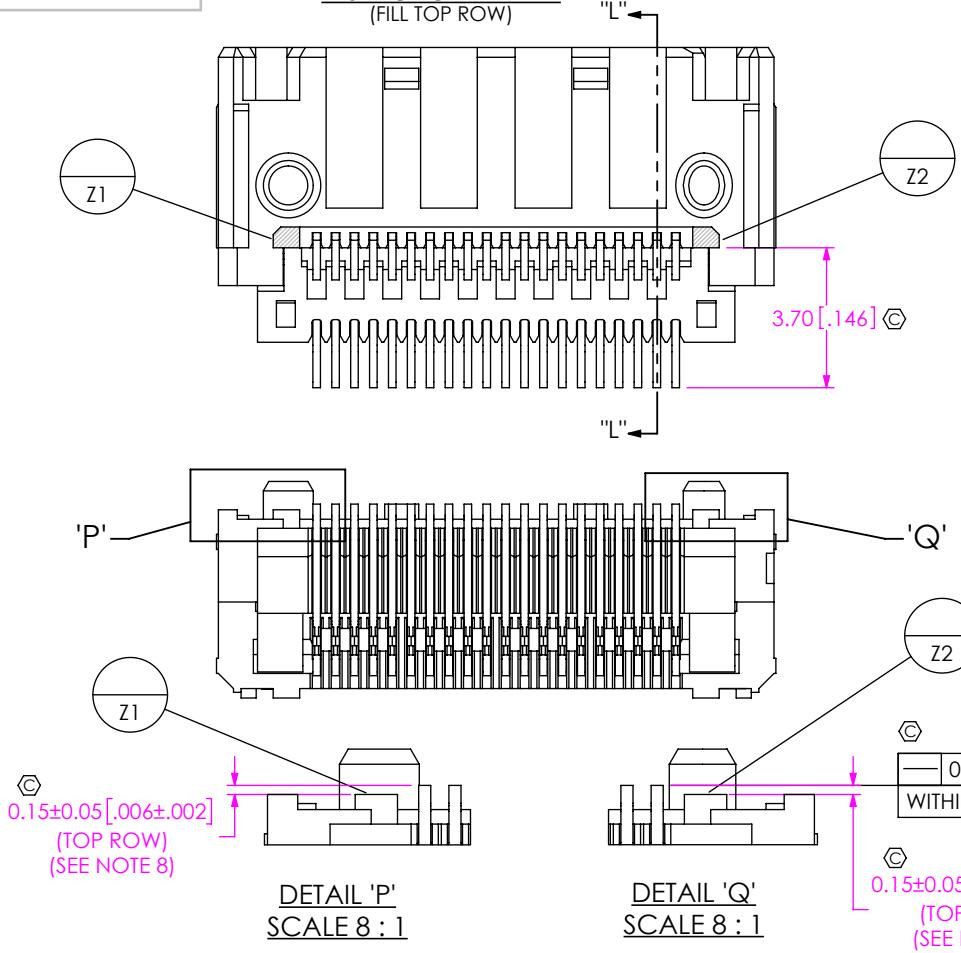
INSPECTION VIEW 2
(FILL TOP ROW)

FIG 6
(IN PROCESS 3)
(SEE INSPECTION VIEW2 FOR ORIENTATION AND CPC'S)

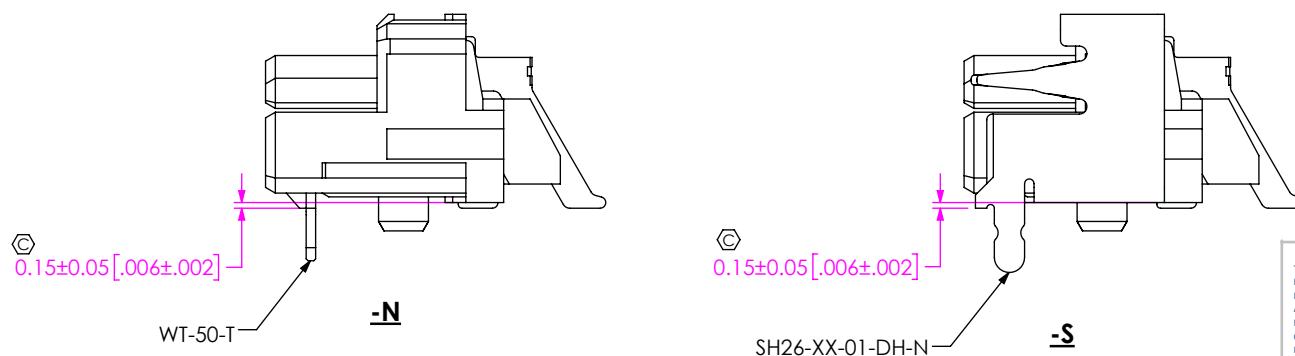


FIG 7
(IN PROCESS 4)

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DESCRIPTION:	0.50mm TERMINAL/ SOCKET COMBO	
DWG. NO.	LSHM-1XX-XX-X-DH-A-X-X-TR	
BY:	AGEN H	10/30/2008
SHEET 4 OF 5		

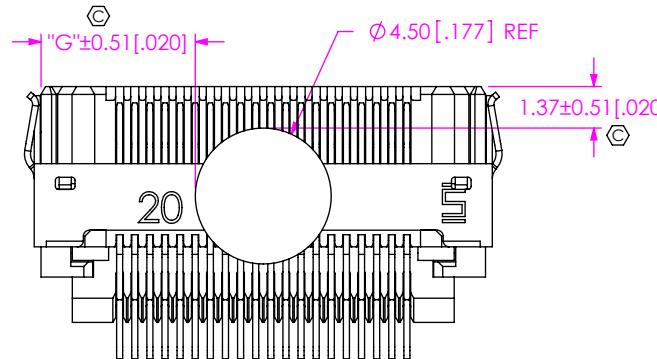


TABLE 2	
LEAD STYLE	CONTACT
-01	C-261-02-X
	C-261-03-X
-L1	C-261-L2-X
	C-261-L3-X

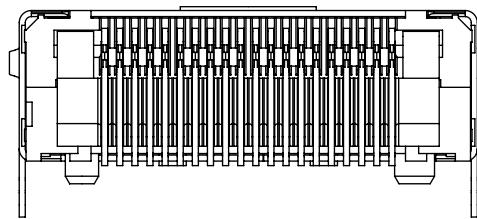


FIG 8
LSHM-1XX-X1-XX-DH-A-S-XX-XX SHOWN

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

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