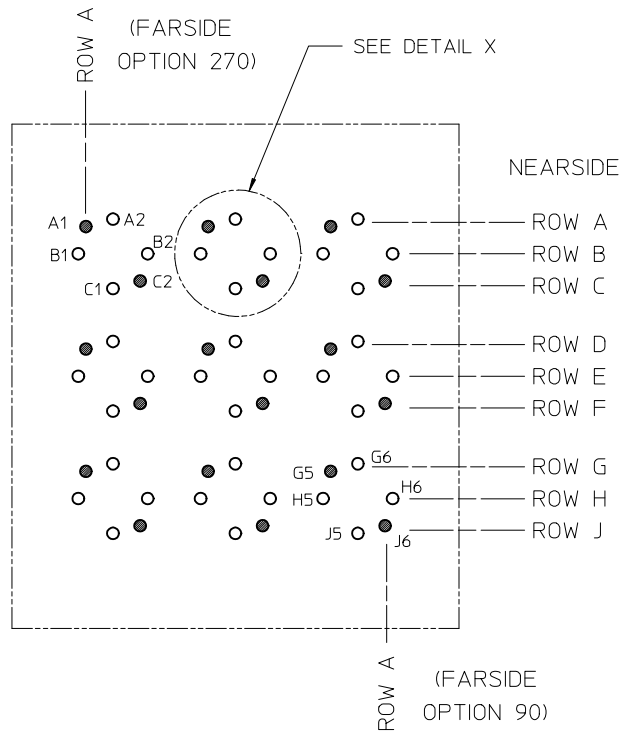
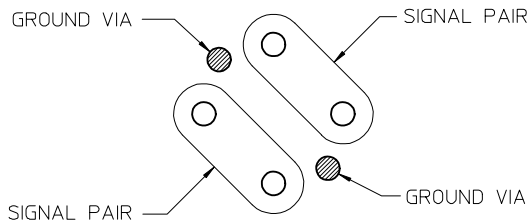




MIDPLANE PCB LAYOUT



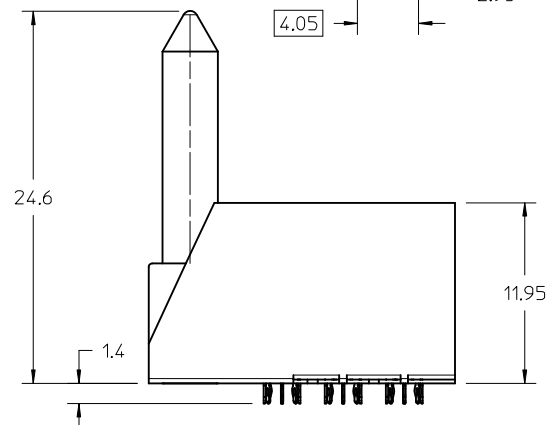
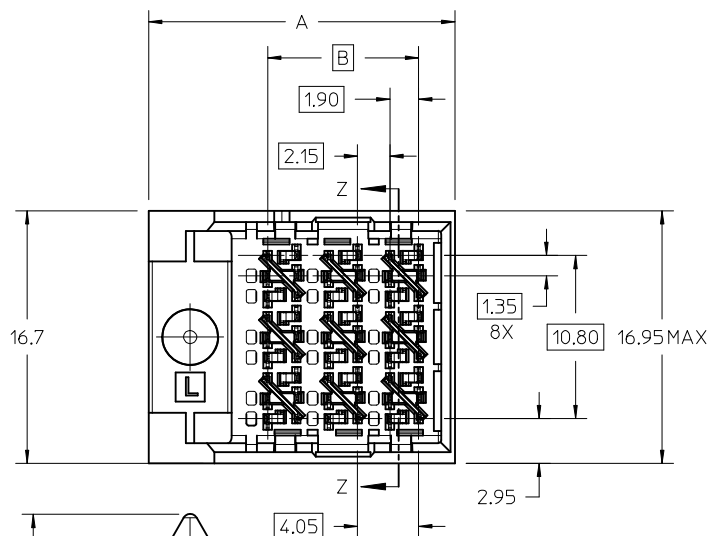
DETAIL X
SCALE 16:1

ORTHO PIN MAPPING					
OPTION 270 (NEAR SIDE - FARSIDE)					
(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3
F1-B4	(F2-C4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)

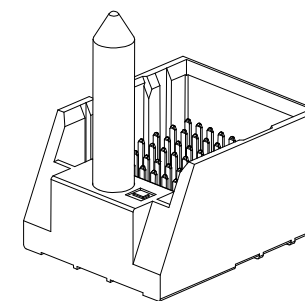
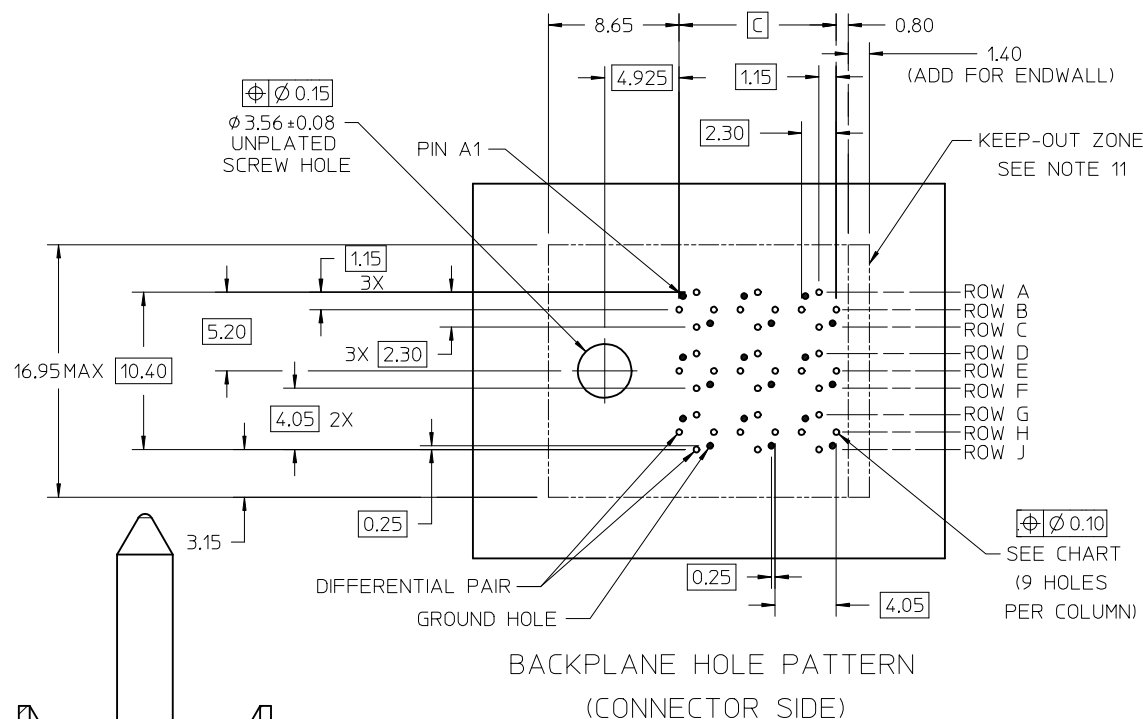
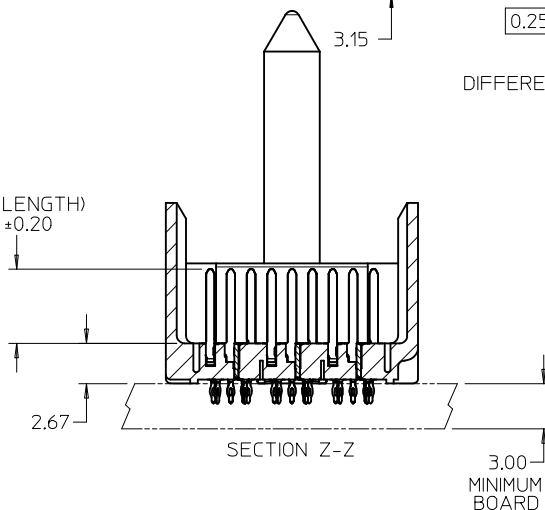
ORTHO PIN MAPPING					
OPTION 90 (NEAR SIDE - FARSIDE)					
(A1-J6)	A2-H6	(A3-F6)	A4-E6	(A5-C6)	A6-B6
B1-J5	B2-G6	B3-F5	B4-D6	B5-C5	B6-A6
C1-H5	(C2-G5)	C3-E5	(C4-D5)	C5-B5	(C6-A5)
(D1-J4)	D2-H4	(D3-F4)	D4-E4	(D5-C4)	D6-B4
E1-J3	E2-G4	E3-F3	E4-D4	E5-C3	E6-A4
F1-H3	(F2-G3)	F3-E3	(F4-D3)	F5-B3	(F6-A3)
(G1-J2)	G2-H2	(G3-F2)	G4-E2	(G5-C2)	G6-B2
H1-J1	H2-G2	H3-F1	H4-D2	H5-C1	H6-A2
J1-H1	(J2-G1)	J3-E1	(J4-D1)	J5-B1	(J6-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.
PINOUTS SHOWN ARE FOR SQUARE (6 COLUMN) PATTERN ONLY.

SEE SHEET 1 EC NO: UCP2014-2268 DRAWN: ARIZV101 CHKD: TELO APPR: TELO	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm	INCH	DRAWN BY ARIZV101	DATE 2013/03/05	TITLE IMPACT 3 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex	DOCUMENT NO. SD-171880-0002	SHEET NO. 3 OF 3
			4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2013/11/22			
			3 PLACES	± ---	± ---	APPROVED BY TELO	DATE 2013/12/04			
			2 PLACES	± 0.13	± ---	MATERIAL NO. SEE CHART				
			1 PLACE	± 0.25	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			0 PLACE	±	±					



(PIN LENGTH)
P±0.20



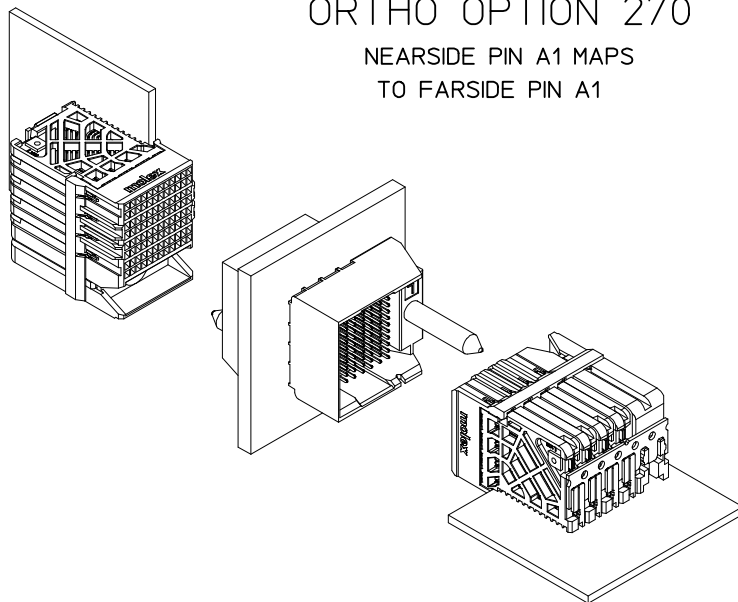
(ENDWALL VERSION SHOWN)

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ MIN GOLD IN CONTACT AREA,
SELECTIVE TIN OR TIN-LEAD ON PCB TAILS,
NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPEC PS-45499-002.
5. PRODUCT IS PACKAGED PER PK-70873-763.
6. SEE SHEETS 2 AND 3 FOR PART NUMBERS AND ORTHOGONAL PIN MAPPING.
7. REFER TO MOLEX SALES DRAWING SD-76860-002 FOR THE MATING RECEPTACLES.
8. THE KEEP-OUT ZONE FOR THE PART LENGTH INCLUDES AN ADDITIONAL 1.0mm
TO ACCOMMODATE FOR SPACE REQUIRED BY THE DAUGHTERCARD ASSEMBLY.
9. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
10. CONNECTORS ARE SUPPLIED WITH A 2-56 UNC-2A SCREW.
- 11.*THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR
INSERTION AND REPAIR ON THE PC BOARD. THIS DOES NOT REPRESENT
THE ACTUAL PERIMETER OF THE CONNECTOR.*

REVISE OVERALL HOUSING DIM. EC NO: UCP2013-0786 DRAWN:GGGA 2012/08/24 CHKD: APPR:TELO 2012/12/10 REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				mm	INCH	DRAWN BY JLAURX	DATE 5/6/09	TITLE IMPACT 3 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG					
			4 PLACES	±---	±---	CHECKED BY JMENDOZA	DATE 2010/01/13						
			3 PLACES	±---	±---	APPROVED BY JB INGHAM		DATE 2010/01/14	DOCUMENT NO. SD-76855-002				
			2 PLACES	±0.13	±---	MATERIAL NO. SEE CHART		SHEET NO. 1 OF 3					
			1 PLACE	±0.25	±---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							
			0 PLACE	±	±								

ORTHO OPTION 270

NEAR SIDE PIN A1 MAPS
TO FAR SIDE PIN A1

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MODULE TYPE	DIM A	DIM B	DIM C
76855-*60*	6	18	NO ENDWALL	18.9	10.00	10.40
76855-*60*	6	18	WITH ENDWALL	20.3	10.00	10.40
76855-*80*	8	24	NO ENDWALL	22.9	14.05	14.45
76855-*80*	8	24	WITH ENDWALL	24.3	14.05	14.45

76855-* * 0 *

MODULE & TAIL PLATING TYPE

PIN LENGTH (P)

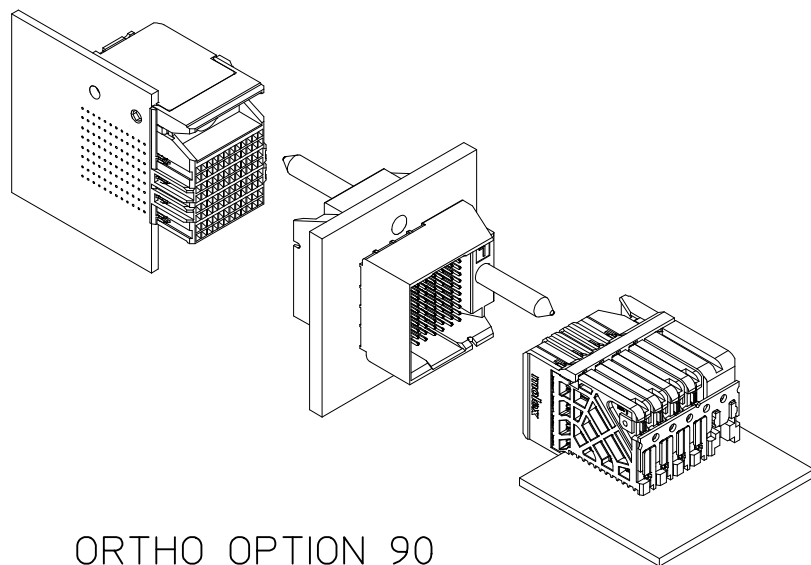
2 = GUIDE LEFT NO ENDWALL, TIN/LEAD
3 = GUIDE LEFT NO ENDWALL, TIN
6 = GUIDE LEFT ENDWALL, TIN/LEAD
7 = GUIDE LEFT ENDWALL, TIN

4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

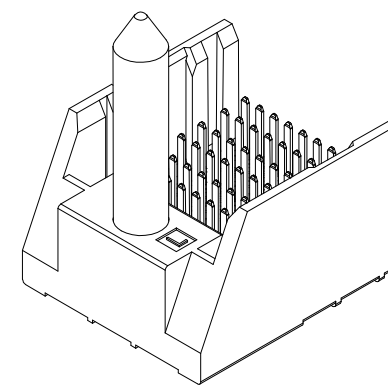
OF COLUMNS

6 = 6 COLUMNS

8 = 8 COLUMNS

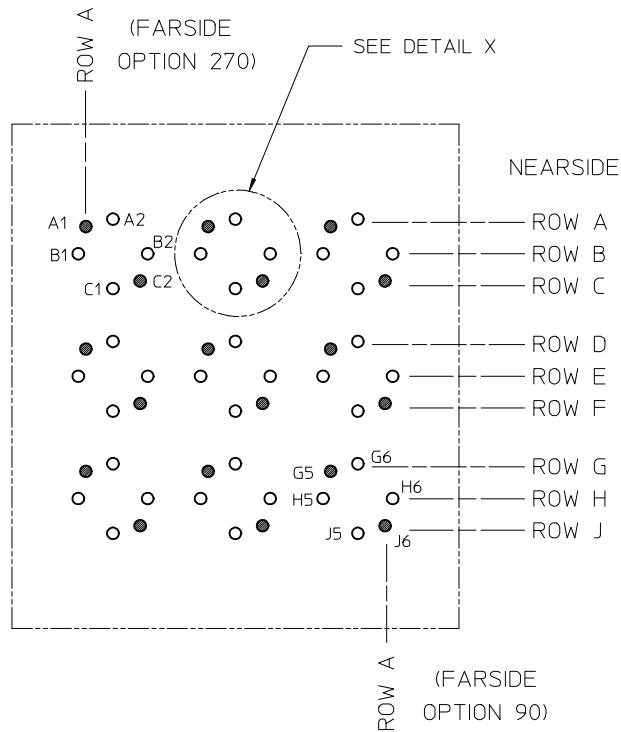


ORTHO OPTION 90

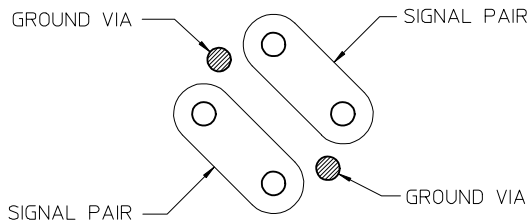
NEAR SIDE PIN A1 MAPS
TO FAR SIDE PIN J6
(FOR SQUARE PATTERN)

OPEN END OPTION

SEE SHEET 1 EC NO: UCP2013-0786 2012/08/24 DRWN:GGA CHKD: APPR:TELO 2012/12/10	REV D	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	IMPACT 3 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex	DOCUMENT NO. SD-76855-002	SHEET NO. 2 OF 3
						DRAWN BY DATE JLAURX 5/6/09		TITLE					
				4 PLACES ± --- ± ---		CHECKED BY DATE JMENDOZA 2010/01/13							
				3 PLACES ± --- ± ---		APPROVED BY DATE JB INGHAM 2010/01/14							
				2 PLACES ± 0.13 ± ---		MATERIAL NO.							
				1 PLACE ± 0.25 ± ---		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
				0 PLACE ± ±									
				ANGULAR ±1/2°									
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									



MIDPLANE PCB LAYOUT



DETAIL X
SCALE 16:1

ORTHO PIN MAPPING

OPTION 270 (NEAR SIDE - FARSIDE)

(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3
F1-B4	(F2-C4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)

ORTHO PIN MAPPING

OPTION 90 (NEAR SIDE - FARSIDE)

(A1-J6)	A2-H6	(A3-F6)	A4-E6	(A5-C6)	A6-B6
B1-J5	B2-G6	B3-F5	B4-D6	B5-C5	B6-A6
C1-H5	(C2-G5)	C3-E5	(C4-D5)	C5-B5	(C6-A5)
(D1-J4)	D2-H4	(D3-F4)	D4-E4	(D5-C4)	D6-B4
E1-J3	E2-G4	E3-F3	E4-D4	E5-C3	E6-A4
F1-H3	(F2-G3)	F3-E3	(F4-D3)	F5-B3	(F6-A3)
(G1-J2)	G2-H2	(G3-F2)	G4-E2	(G5-C2)	G6-B2
H1-J1	H2-G2	H3-F1	H4-D2	H5-C1	H6-A2
J1-H1	(J2-G1)	J3-E1	(J4-D1)	J5-B1	(J6-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.

PINOUTS SHOWN ARE FOR SQUARE (6 COLUMN) PATTERN ONLY.

SEE SHEET 1 EC NO: UCP2013-0786 2012/08/24 DRWN:GGA CHKD: APPR:TELO 2012/12/10	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JLAURX	DATE 5/6/09	TITLE IMPACT 3 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG				
			4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2010/01/13	molex				
			3 PLACES	± ---	± ---	APPROVED BY JB INGHAM	DATE 2010/01/14					
			2 PLACES	± 0.13	± ---	MATERIAL NO.				DOCUMENT NO.	SHEET NO.	
			1 PLACE	± 0.25	± ---	SEE CHART				SD-76855-002	3 OF 3	
			0 PLACE	±	±	ANGULAR ±1/2°						
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									
								SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		