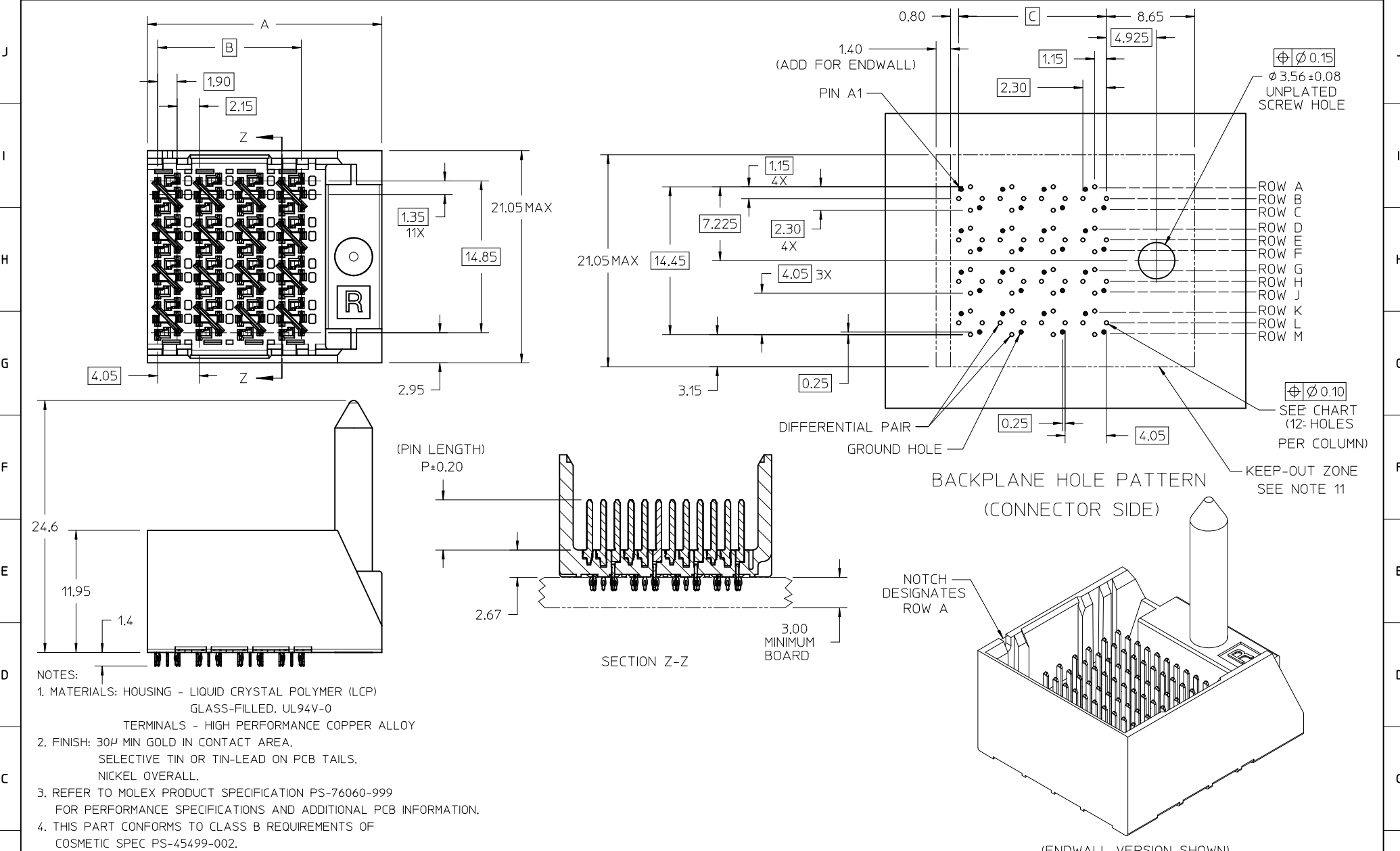


13 12 11 10 9 8 7 6 5 4 3 2 1

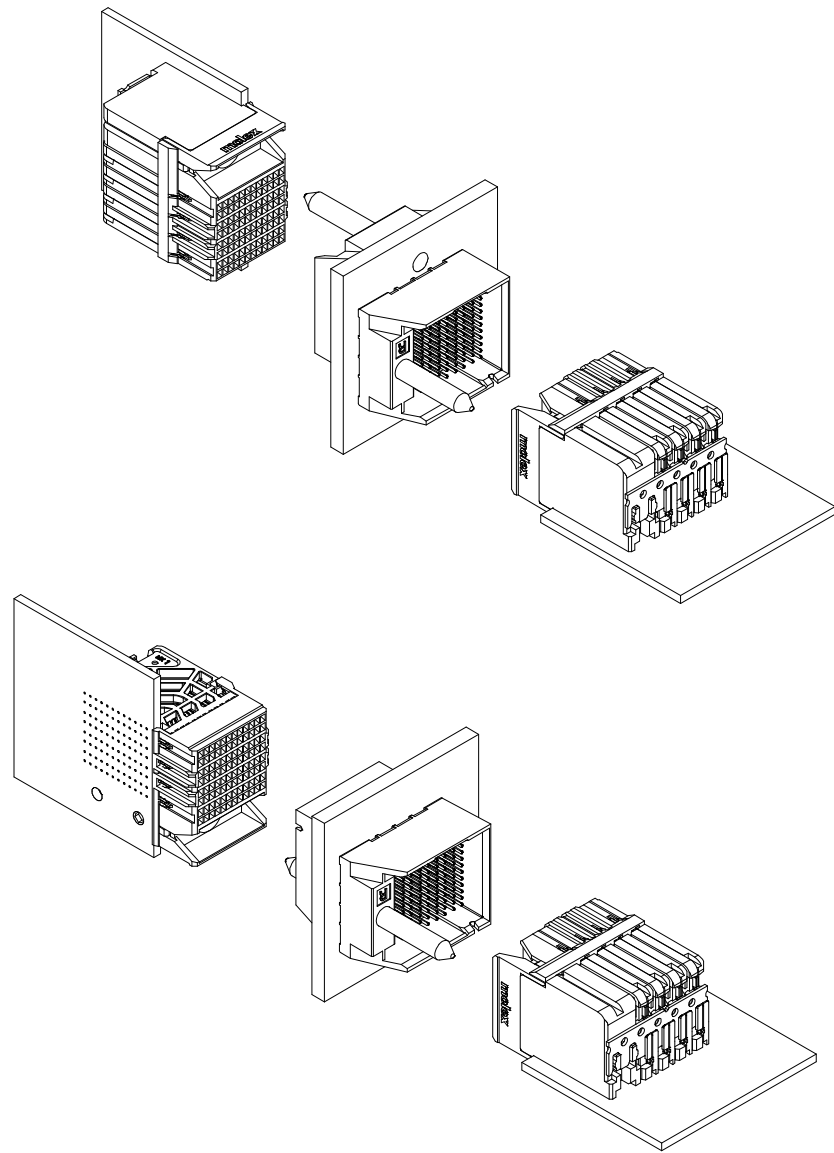
J
I
H
G
F
E
D
C
B
A



- 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-70873-764.
 6. SEE SHEETS 2 AND 3 FOR PART NUMBERS AND ORTHOGONAL PIN MAPPING.
 7. REFER TO MOLEX SALES DRAWING SD-76850-004 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 ACCOMODATE CONNECTOR
INSERTION AND REPAIR ON THE PC BOARD. THIS DOES NOT REPRESENT
THE ACTUAL PERIMETER OF THE CONNECTOR.*

UPDATED VIEWS EC NO: UCP2014-2698 DRAWN: RIZV101 2013/04/04 CHKD: CHKD: APPR: TELO 2015/03/24	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=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 2009/02/13	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE RIGHT SALES DWG molex				
						CHECKED BY JMENDOZA	DATE 2010/01/13					
						APPROVED BY JB INGHAM	DATE 2010/01/14					
						ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.		SHEET NO.
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-76845-003		1 OF 3			
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

13 12 11 10 9 8 7 6 5 4 3 2 1



MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	MODULE TYPE	DIM A	DIM B	DIM C
76845- $\times 60 \times$	6	24	NO ENDWALL	18.9	10.00	10.40
76845- $\times 60 \times$	6	24	WITH ENDWALL	20.3	10.00	10.40
76845- $\times 80 \times$	8	32	NO ENDWALL	22.9	14.05	14.45
76845- $\times 80 \times$	8	32	WITH ENDWALL	24.3	14.05	14.45
76845- $\times 10 \times$	10	40	NO ENDWALL	27.0	18.10	18.50
76845- $\times 10 \times$	10	40	WITH ENDWALL	28.4	18.10	18.50

76845- $\times \times 0 \times$

MODULE & TAIL PLATING TYPE

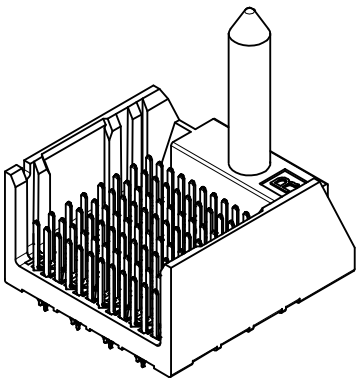
- 4 = GUIDE RIGHT NO ENDWALL, TIN/LEAD
5 = GUIDE RIGHT NO ENDWALL, TIN
8 = GUIDE RIGHT ENDWALL, TIN/LEAD
9 = GUIDE RIGHT ENDWALL, TIN

PIN LENGTH (P)

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

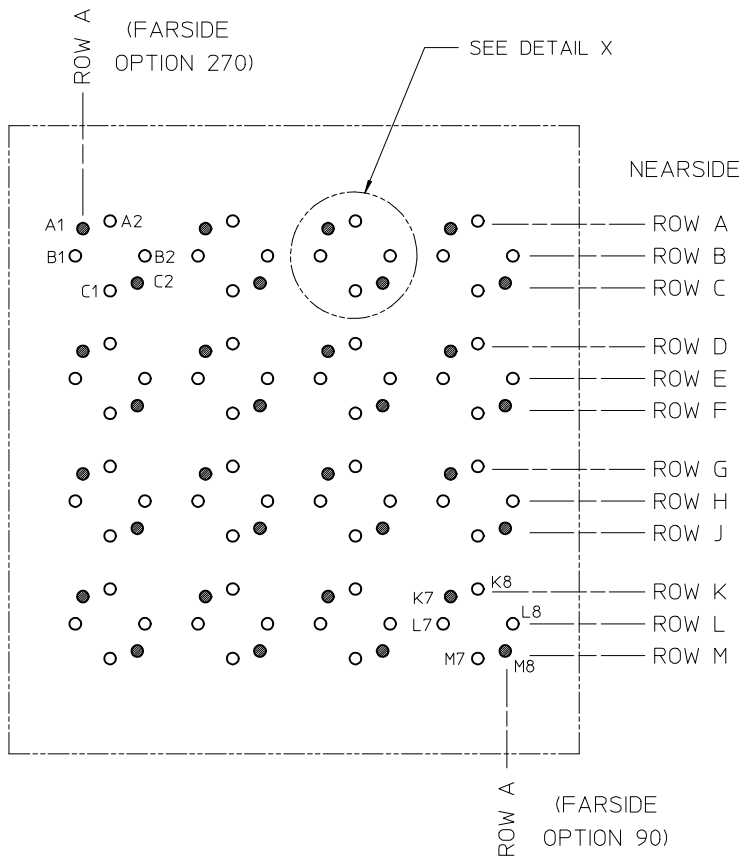
OF COLUMNS

- 6 = 6 COLUMN
8 = 8 COLUMN
1 = 10 COLUMN

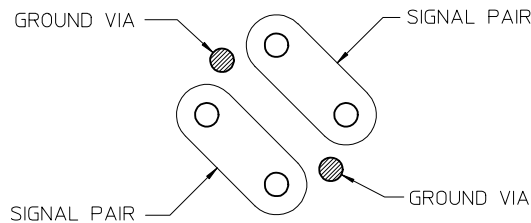


OPEN END OPTION

SEE SHEET 1 EC NO: UCP2014-2698 DRAWN: RIZVI01 2013/04/04 CHKD: APPR: TEL0 2015/03/24	DESCRIPTION	QUALITY SYMBOLS =0 =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
				mm	INCH	DRAWN BY JLAURX	DATE 2009/02/13	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE RIGHT SALES DWG molex				
			4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2010/01/13					
			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-76845-003		2 OF 3		
			0 PLACE	± ---	± ---	SIZE C		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			ANGULAR ±1/2°									
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									



MIDPLANE PCB LAYOUT



DETAIL X
SCALE 16:1

ORTHO PIN MAPPING

OPTION 270 (NEARSIDE - FARSIDE)

(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1	(A7-K1)	A8-L1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1	B7-K2	B8-M1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)	C7-L2	(C8-M2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3	(D7-K3)	D8-L3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3	E7-K4	E8-M3
F1-B4	(F2-C4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)	F7-L4	(F8-M4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5	(G7-K5)	G8-L5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5	H7-K6	H8-M5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)	J7-L6	(J8-M6)
(K1-A7)	K2-B7	(K3-D7)	K4-E7	(K5-G7)	K6-H7	(K7-K7)	K8-L7
L1-A8	L2-C7	L3-D8	L4-F7	L5-G8	L6-J7	L7-K8	L8-M7
M1-B8	(M2-C8)	M3-E8	(M4-F8)	M5-H8	(M6-J8)	M7-L8	(M8-M8)

ORTHO PIN MAPPING

OPTION 90 (NEARSIDE - FARSIDE)

(A1-M8)	A2-L8	(A3-J8)	A4-H8	(A5-F8)	A6-E8	(A7-C8)	A8-B8
B1-M7	B2-K8	B3-J7	B4-G8	B5-F7	B6-D8	B7-C7	B8-A8
C1-L7	(C2-K7)	C3-H7	(C4-G7)	C5-E7	(C6-D7)	C7-B7	(C8-A7)
(D1-M6)	D2-L6	(D3-J6)	D4-H6	(D5-F6)	D6-E6	(D7-C6)	D8-B6
E1-M5	E2-K6	E3-J5	E4-G6	E5-F5	E6-D6	E7-C5	E8-A6
F1-L5	(F2-K5)	F3-H5	(F4-G5)	F5-E5	(F6-D5)	F7-B5	(F8-A5)
(G1-M4)	G2-L4	(G3-J4)	G4-H4	(G5-F4)	G6-E4	(G7-C4)	G8-B4
H1-M3	H2-K4	H3-J3	H4-G4	H5-F3	H6-D4	H7-C3	H8-A4
J1-L3	(J2-K3)	J3-H3	(J4-G3)	J5-E3	(J6-D3)	J7-B3	(J8-A3)
(K1-M2)	K2-L2	(K3-J2)	K4-H2	(K5-F2)	K6-E2	(K7-C2)	K8-B2
L1-M1	L2-K2	L3-J1	L4-G2	L5-F1	L6-D2	L7-C1	L8-A2
M1-L1	(M2-K1)	M3-H1	(M4-G1)	M5-E1	(M6-D1)	M7-B1	(M8-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.

PINOUTS SHOWN ARE FOR SQUARE (8 COLUMN) PATTERN ONLY.

SEE SHEET 1 EC NO: UCP2014-2698 DRAWN: RIZVI101 2013/04/04 CHKD: APPR: TELO 2015/03/24	DESCRIPTION	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 2009/02/13	TITLE IMPACT 4 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE RIGHT SALES DWG molex			
			4 PLACES	± ---	± ---	CHECKED BY JMENDOZA	DATE 2010/01/13				
			3 PLACES	± ---	± ---	APPROVED BY	DATE				
			2 PLACES	± 0.13	± ---	JB INGHAM	2010/01/14				
			1 PLACE	± 0.25	± ---	MATERIAL NO.			DOCUMENT NO.		SHEET NO.
			0 PLACE	± ---	± ---	SEE CHART		SD-76845-003	3 OF 3		
			ANGULAR ±1/2°								
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
						SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				