

Excellent Integrated System Limited

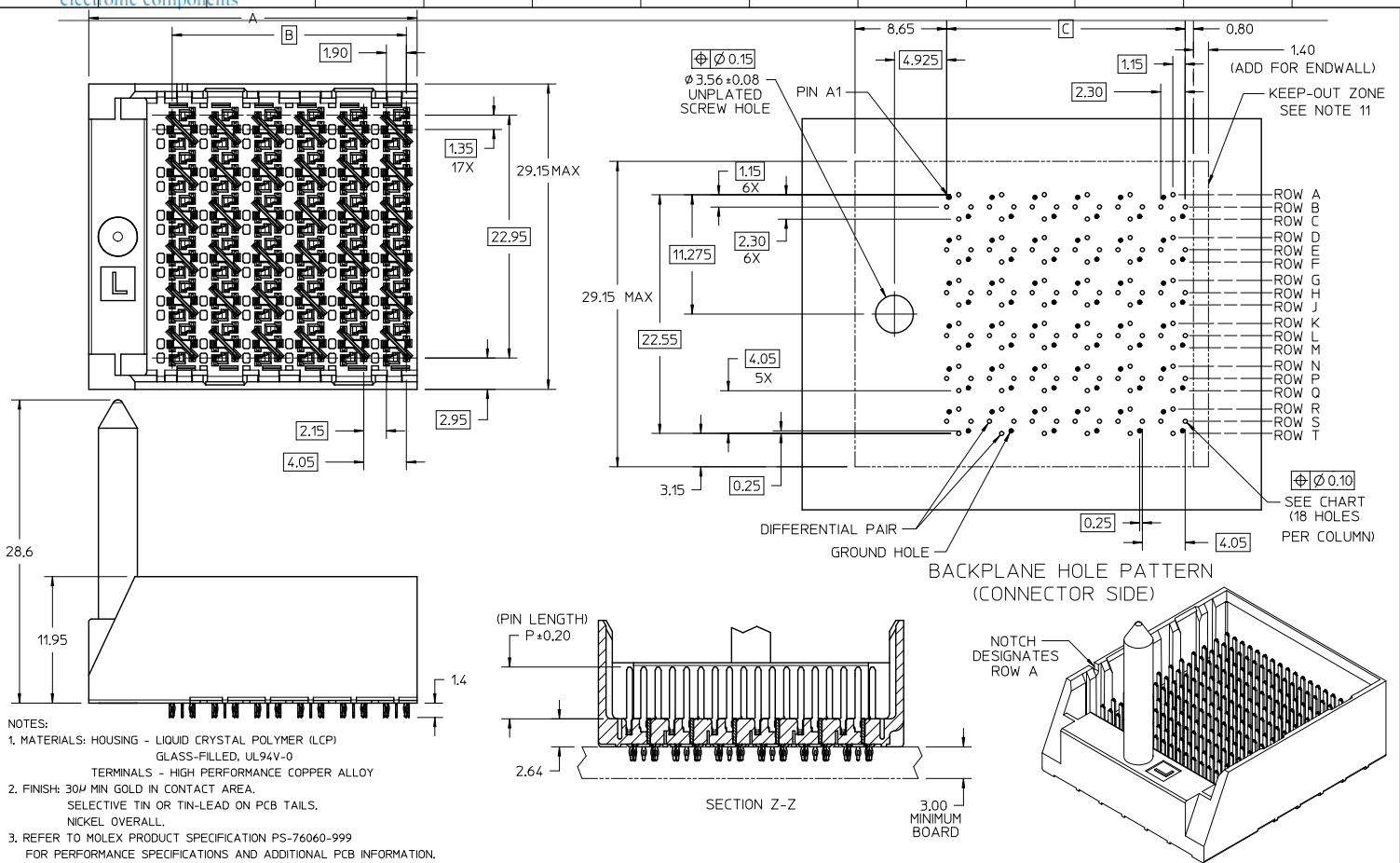
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[0762857205](#)

For any questions, you can email us directly:

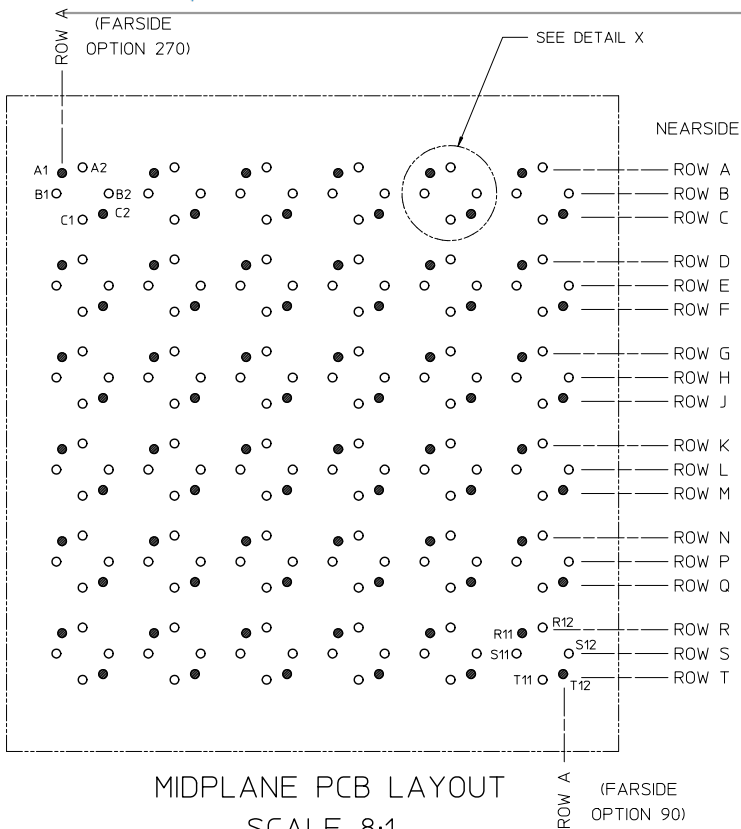
sales@integrated-circuit.com



- 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-70873-766.
 6. SEE SHEETS 2 THRU 4 FOR PART NUMBERS AND ORTHOGONAL PIN MAPPING.
 7. REFER TO MOLEX SALES DRAWING SD-76290-002 FOR THE MATING RECEPTACLES.
 8. REFER TO MOLEX ROUTING GUIDE AS-76850-990 FOR ADDITIONAL PCB LAYOUT
AND ROUTING RECOMMENDATIONS.
 9. THE KEEP-OUT ZONE FOR THE PART LENGTH INCLUDES AN ADDITIONAL 1.0mm
TO ACCOMMODATE FOR SPACE REQUIRED BY THE DAUGHTERCARD ASSEMBLY.
 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.

UPDATED VIEWS EC NO: UCP2014-2698 DRAWN BY JLAURX CHKD: JLAURX APPR: TEL 2013/04/03 2015/03/24	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
					MM ONLY		4:1	METRIC		
			mm	INCH	DRAWN BY	DATE	IMPACT 6 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex			
			4 PLACES ±	---	JLAURX	4/20/09				
			3 PLACES ±	---	CHECKED BY	DATE				
			2 PLACES ±	0.13	JMENDOZA	2010/01/13				
			1 PLACE ±	0.25	APPROVED BY	DATE				
			0 PLACE ±	---	JB INGHAM	2010/01/14				
			ANGULAR ±1/2°		MATERIAL NO.		DOCUMENT NO.			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-76285-002		SHEET NO. 1 OF 4	
	REV	SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	MODULE TYPE	DIM A	DIM B	DIM C
76285-*10*	10	60	NO ENDWALL	27.0	18.10	18.50
76285-*10*	10	60	WITH ENDWALL	28.4	18.10	18.50
76285-*20*	12	72	NO ENDWALL	31.0	22.15	22.55
76285-*20*	12	72	WITH ENDWALL	32.4	22.15	22.55



MODULE & TAIL PLATING TYPE

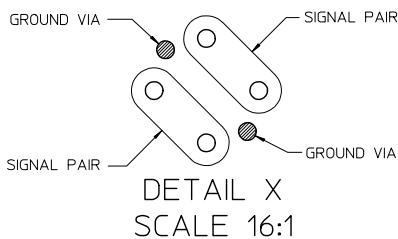
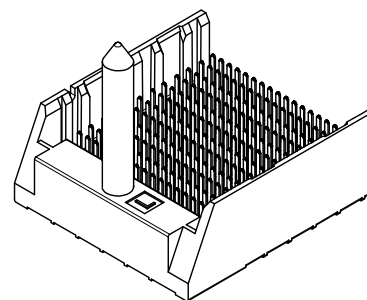
- 2 = GUIDE LEFT NO ENDWALL, TIN/LEAD
3 = GUIDE LEFT NO ENDWALL, TIN
6 = GUIDE LEFT ENDWALL, TIN/LEAD
7 = GUIDE LEFT ENDWALL, TIN

76285-*10*

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
1 = 10 COLUMNS
2 = 12 COLUMNS



SEE SHEET 1 EC NO: UCP2014-2698 DRAWN BY: JLAURX CHKD: JLAURX APPR: TEL REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT 6 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex	DOCUMENT NO. SD-76285-002	SHEET NO. 2 OF 4	
		mm		INCH		DRAWN BY JLAURX	DATE 4/20/09					
		4 PLACES	±	±	CHECKED BY	DATE						
		3 PLACES	±	±	JMENDOZA	2010/01/13						
		2 PLACES	±	±	APPROVED BY	DATE						
		1 PLACE	±	±	JBINGHAM	2010/01/14						
		0 PLACE	±	±	MATERIAL NO.							
		ANGULAR ±1/2°		SEE CHART								
		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						

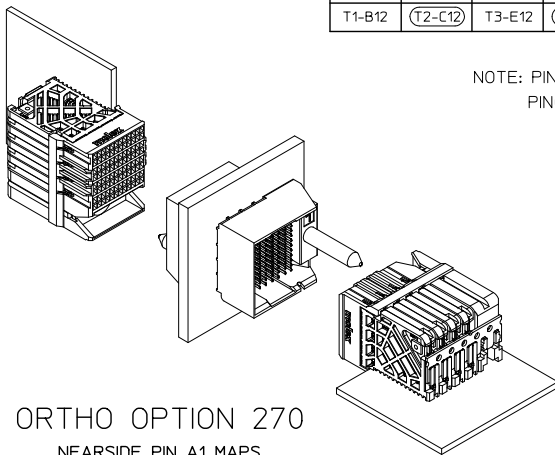
ORTHO PIN MAPPING

OPTION 270 (NEARSIDE - FAR SIDE)

(A1-A1)	A2-B1	(A3-D1)	A4-E1	(A5-G1)	A6-H1	(A7-K1)	A8-L1	(A9-N1)	A10-P1	(A11-R1)	A12-S1
B1-A2	B2-C1	B3-D2	B4-F1	B5-G2	B6-J1	B7-K2	B8-M1	B9-N2	B10-Q1	B11-R2	B12-T1
C1-B2	(C2-C2)	C3-E2	(C4-F2)	C5-H2	(C6-J2)	C7-L2	(C8-M2)	C9-P2	(C10-Q2)	C11-S2	(C12-T2)
(D1-A3)	D2-B3	(D3-D3)	D4-E3	(D5-G3)	D6-H3	(D7-K3)	D8-L3	(D9-N3)	D10-P3	(D11-R3)	D12-S3
E1-A4	E2-C3	E3-D4	E4-F3	E5-G4	E6-J3	E7-K4	E8-M3	E9-N4	E10-Q3	E11-R4	E12-T3
F1-B4	(F2-L4)	F3-E4	(F4-F4)	F5-H4	(F6-J4)	F7-L4	(F8-M4)	F9-P4	(F10-Q4)	F11-S4	(F12-T4)
(G1-A5)	G2-B5	(G3-D5)	G4-E5	(G5-G5)	G6-H5	(G7-K5)	G8-L5	(G9-N5)	G10-P5	(G11-R5)	G12-S5
H1-A6	H2-C5	H3-D6	H4-F5	H5-G6	H6-J5	H7-K6	H8-M5	H9-N6	H10-Q5	H11-R6	H12-T5
J1-B6	(J2-C6)	J3-E6	(J4-F6)	J5-H6	(J6-J6)	J7-L6	(J8-M6)	J9-P6	(J10-Q6)	J11-S6	(J12-T6)
(K1-A7)	K2-B7	(K3-D7)	K4-E7	(K5-G7)	K6-H7	(K7-K7)	K8-L7	(K9-N7)	K10-P7	(K11-R7)	K12-S7
L1-A8	L2-C7	L3-D8	L4-F7	L5-G8	L6-J7	L7-K8	L8-M7	L9-N8	L10-Q7	L11-R8	L12-T7
M1-B8	(M2-C8)	M3-E8	(M4-F8)	M5-H8	(M6-J8)	M7-L8	(M8-M8)	M9-P8	(M10-Q8)	M11-S8	(M12-T8)
(N1-A9)	N2-B9	(N3-D9)	N4-E9	(N5-G9)	N6-H9	(N7-K9)	N8-L9	(N9-N9)	N10-P9	(N11-R9)	N12-S9
P1-A10	P2-C9	P3-D10	P4-F9	P5-G10	P6-J9	P7-K10	P8-M9	P9-N10	P10-Q9	P11-R10	P12-T9
Q1-B10	(Q2-C10)	Q3-E10	(Q4-F10)	Q5-H10	(Q6-J10)	Q7-L10	(Q8-M10)	Q9-P10	(Q10-Q10)	Q11-S10	(Q12-T10)
(R1-A11)	R2-B11	(R3-D11)	R4-E11	(R5-G11)	R6-H11	(R7-K11)	R8-L11	(R9-N11)	R10-P11	(R11-R11)	R12-S11
S1-A12	S2-C11	S3-D12	S4-F11	S5-G12	S6-J11	S7-K12	S8-M11	S9-N12	S10-Q11	S11-R12	S12-T11
T1-B12	(T2-C12)	T3-E12	(T4-F12)	T5-H12	(T6-J12)	T7-L12	(T8-M12)	T9-P12	(T10-Q12)	T11-S12	(T12-T12)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.

PINOUTS SHOWN ARE FOR SQUARE (12 COLUMN) PATTERN ONLY.



ORTHO OPTION 270

NEARSIDE PIN A1 MAPS
TO FAR SIDE PIN A1

SEE SHEET 1 EC NO: UCP2014-2698 DRAWN BY: JLAURX CHKD: JMENDOZA APPR: J.B. INGHAM REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ± ANGULAR ± 1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: JLAURX CHECKED BY: JMENDOZA APPROVED BY: J.B. INGHAM MATERIAL NO. DATE: 4/20/09 DATE: 2010/01/13 DATE: 2010/01/14	SCALE 8:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE IMPACT 6 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex DOCUMENT NO. SD-76285-002 SHEET NO. 3 OF 4

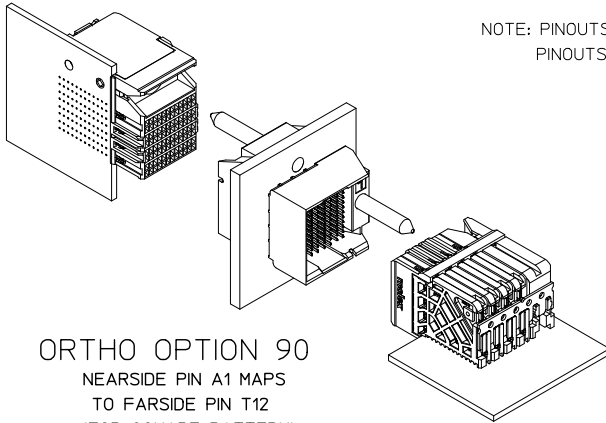
ORTHO PIN MAPPING

OPTION 90 (NEAR SIDE - FAR SIDE)

(A1-T12)	A2-S12	(A3-Q12)	A4-P12	(A5-M12)	A6-L12	(A7-J12)	A8-H12	(A9-F12)	A10-E12	(A11-C12)	A12-B12
B1-T11	B2-R12	B3-Q11	B4-N12	B5-M11	B6-K12	B7-J11	B8-G12	B9-F11	B10-D12	B11-C11	B12-A12
C1-S11	(C2-R11)	C3-P11	(C4-N11)	C5-L11	(C6-K11)	C7-H11	(C8-G11)	C9-E11	(C10-D11)	C11-B11	(C12-A11)
(D1-T10)	D2-S10	(D3-Q10)	D4-P10	(D5-M10)	D6-L10	(D7-J10)	D8-H10	(D9-F10)	D10-E10	(D11-C10)	D12-B10
E1-T9	E2-R10	E3-Q9	E4-N10	E5-M9	E6-K10	E7-J9	E8-G10	E9-F9	E10-D10	E11-C9	E12-A10
F1-S9	(F2-R9)	F3-P9	(F4-N9)	F5-L9	(F6-K9)	F7-H9	(F8-G9)	F9-E9	(F10-D9)	F11-B9	(F12-A9)
(G1-T8)	G2-S8	(G3-Q8)	G4-P8	(G5-M8)	G6-L8	(G7-J8)	G8-H8	(G9-F8)	G10-E8	(G11-C8)	G12-B8
H1-T7	H2-R8	H3-Q7	H4-N8	H5-M7	H6-K8	H7-J7	H8-G8	H9-F7	H10-D8	H11-C7	H12-A8
J1-S7	(J2-R7)	J3-P7	(J4-N7)	J5-L7	(J6-K7)	J7-H7	(J8-G7)	J9-E7	(J10-D7)	J11-B7	(J12-A7)
(K1-T6)	K2-S6	(K3-Q6)	K4-P6	(K5-M6)	K6-L6	(K7-J6)	K8-H6	(K9-F6)	K10-E6	(K11-C6)	K12-B6
L1-T5	L2-R6	L3-Q5	L4-N6	L5-M5	L6-K6	L7-J5	L8-G6	L9-F5	L10-D6	L11-C5	L12-A6
M1-S5	(M2-R5)	M3-P5	(M4-N5)	M5-L5	(M6-K5)	M7-J5	(M8-G5)	M9-F5	(M10-D5)	M11-B5	(M12-A5)
(N1-T4)	N2-S4	(N3-Q4)	N4-P4	(N5-M4)	N6-L4	(N7-J4)	N8-H4	(N9-F4)	N10-E4	(N11-C4)	N12-B4
P1-T3	P2-R4	P3-Q3	P4-N4	P5-M3	P6-K4	P7-J3	P8-G4	P9-F3	P10-D4	P11-C3	P12-A4
Q1-S3	(Q2-R3)	Q3-P3	(Q4-N3)	Q5-L3	(Q6-K3)	Q7-H3	(Q8-G3)	Q9-E3	(Q10-D3)	Q11-B3	(Q12-A3)
(R1-T2)	R2-S2	(R3-Q2)	R4-P2	(R5-M2)	R6-L2	(R7-J2)	R8-H2	(R9-F2)	R10-E2	(R11-C2)	R12-B2
S1-T1	S2-R2	S3-Q1	S4-N2	S5-M1	S6-K2	S7-J1	S8-G2	S9-F1	S10-D2	S11-C1	S12-A2
T1-S1	(T2-R1)	T3-P1	(T4-N1)	T5-L1	(T6-K1)	T7-H1	(T8-G1)	T9-E1	(T10-D1)	T11-B1	(T12-A1)

NOTE: PINOUTS SHOWN IN BALLOONS ARE GROUNDS.

PINOUTS SHOWN ARE FOR SQUARE (12 COLUMN) PATTERN ONLY.



ORTHO OPTION 90

NEAR SIDE PIN A1 MAPS
TO FAR SIDE PIN T12
(FOR SQUARE PATTERN)

SEE SHEET 1 EC NO: DZP/2014-2698 DRAWN BY: TUN/01 CHKD: APPR: TEL: 2013/04/03 2015/03/24	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION			
	 =0	4 PLACES	±mm	±---	DRAWN BY	DATE	TITLE IMPACT 6 PAIR HEADER ORTHOGONAL ASSEMBLY GUIDE LEFT SALES DWG molex				
	 =0	3 PLACES	±---	±---	CHECKED BY	DATE					
	 =0	2 PLACES	±0.13	±---	JMENDOZA	2010/01/13					
		1 PLACE	±0.25	±---	APPROVED BY	DATE					
		0 PLACE	±	±	JBINGHAM	2010/01/14					
		ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SD-76285-002				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SHEET NO. 4 OF 4					
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								