

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH#														
M	76410-8**	8	24	22.80	13.30	0.46+0.05														
	76410-10**	10	30	26.60	17.10	0.46+0.05														
	76410-14**	14	42	34.20	24.70	0.46+0.05														
	76410-16**	16	48	38.00	28.50	0.46+0.05														
L	76410-8**	8	24	22.80	13.30	0.39+0.05														
	76410-10**	10	30	26.60	17.10	0.39+0.05														
	76410-14**	14	42	34.20	24.70	0.39+0.05														
	76410-16**	16	48	38.00	28.50	0.39+0.05														

76410-****

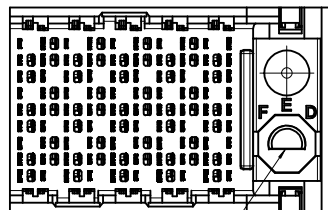
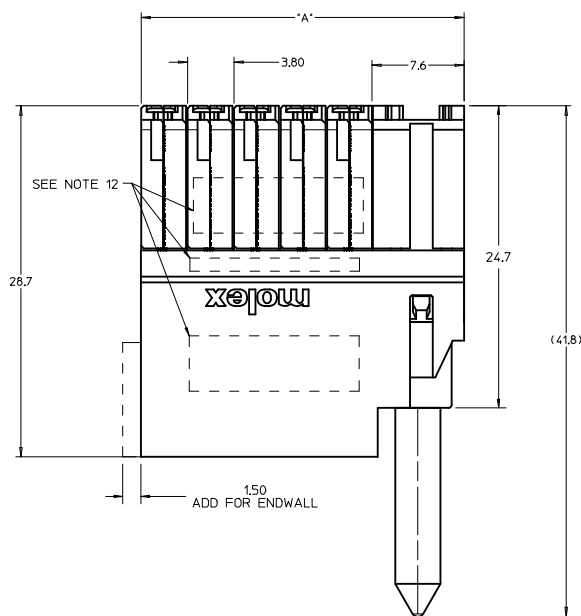
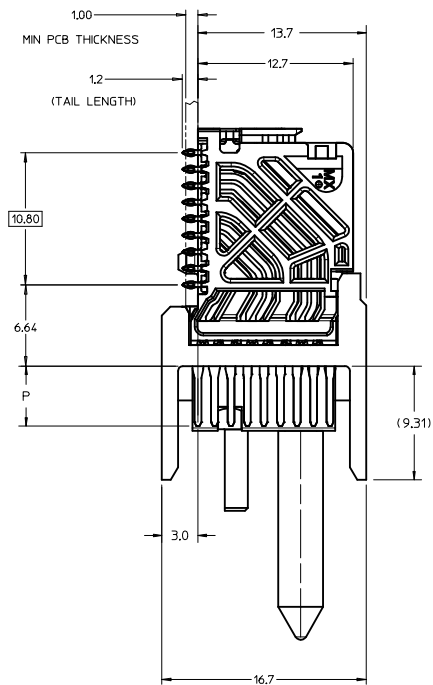
MODULE & TAIL PLATING TYPE
 5 = RIGHT GUIDED LEAD-FREE
 9 = RIGHT GUIDED LEAD-FREE W/ ENDWALL

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)

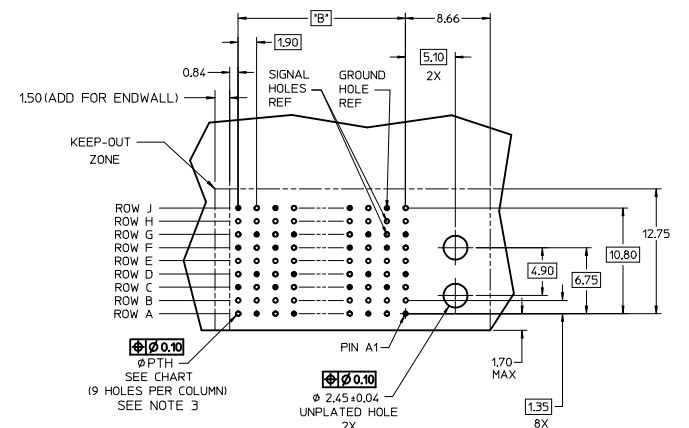
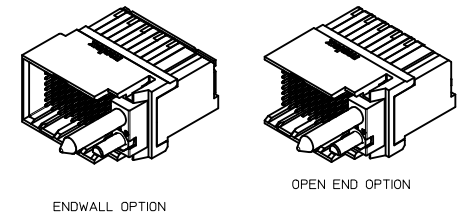
OF COLUMNS
 1 = 10 COL
 4 = 14 COL
 6 = 16 COL
 8 = 8 COL

POLARIZATION KEY ORIENTATION
 0 = NO KEY
 1 = A 5 = E
 2 = B 6 = F
 3 = C 7 = G
 4 = D 8 = H

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30uIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 5. PRODUCT IS PACKAGED PER PK-70873-762.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-76170-002 FOR THE MATING RECEPTACLES.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0005 (7.62 +0.38/-0.76 mm THREADABLE SCREW LENGTH), THE BOARD THICKNESS RANGE IS 1.00 TO 1.80 mm.
 10. GUIDE RIGHT RAM MATES WITH A GUIDE LEFT DAUGHTERCARD.
 11. OPEN END VERSION SHOWN FOR CLARITY.
 12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.



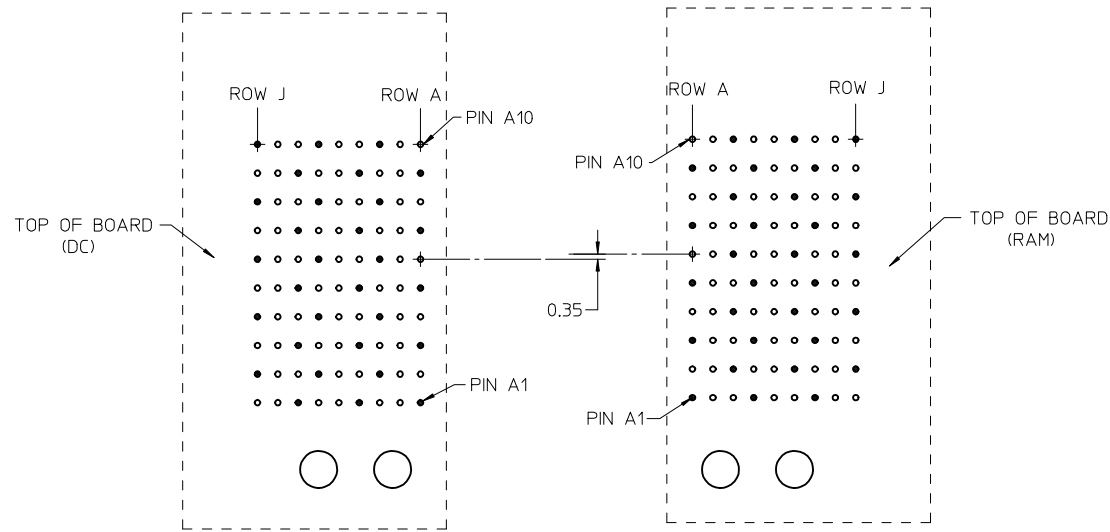
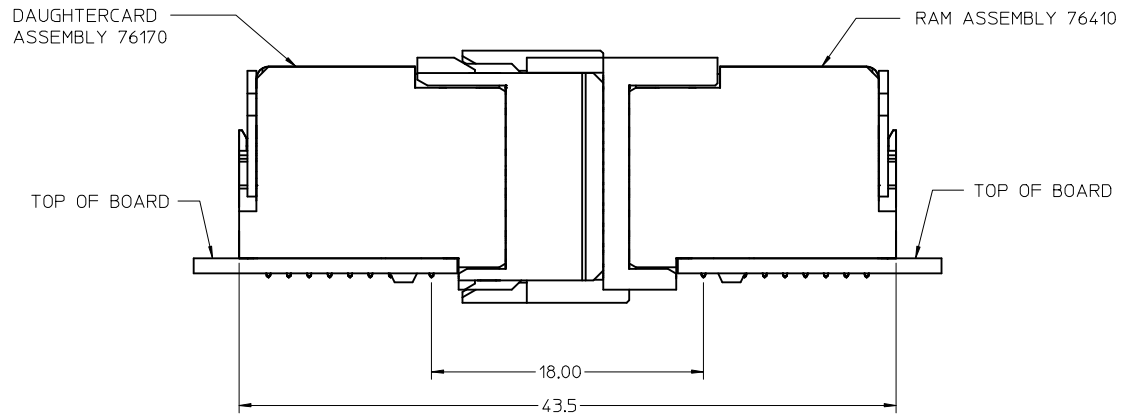
KEY SHOWN
IN POSITION A



RAM HOLE PATTERN (CONNECTOR SIDE)

ADD LASER MARK INFO		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: UCP2016-3973	2015/07/29	DRWN:VARVARA	2016/02/22	CHKD:TELO	2016/04/20	APPR:TELO		5:1		METRIC			
DRAWN BY		DATE		CHECKED BY		DATE		APPROVED BY		DATE		MATERIAL NO.	
JLAURX		2008/10/21		JONIAK		2008/10/21		JLAURX		2008/10/21		DOCUMENT NO.	
4 PLACES ±---		±---		3 PLACES ±---		±---		2 PLACES ±0.13		±---		1 PLACE ±0.25	
1 PLACE ±---		±---		0 PLACE ±---		±---		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D	
SEE TABLE		SEE TABLE		SEE TABLE		SEE TABLE		SEE TABLE		SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
IMPACT 3 PAIR RAM GUIDE RIGHT SIGNAL MODULE SALES DWG		molex		SD-76410-004		1 OF 2							

COPLANAR APPLICATION



COPLANAR MATED SIGNAL PATHS



SEE SHEET 1 EC NO: UCP2016-3973 DRAWN BY: DRWINDYARVARA CHKD: TELU APPR: TELU REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm		INCH		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION		
				4 PLACES ± ---		± ---		DRAWN BY JLAURX		DATE 2008/10/21			TITLE IMPACT 3 PAIR RAM GUIDE RIGHT SIGNAL MODULE SALES DWG molex DOCUMENT NO. SD-76410-004	
				3 PLACES ± ---		± ---		CHECKED BY JJONIAK		DATE 2008/10/21				
				2 PLACES ± 0.13		± ---		APPROVED BY JLAURX		DATE 2008/10/21				
				1 PLACE ± 0.25		± ---		MATERIAL NO. SEE TABLE		SHEET NO. 2 OF 2				
				0 PLACE ±		±								
				ANGULAR ±1/2°										
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS										

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
	MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH#														
M	76410-8**	8	24	22.80	13.30	0.46+0.05														
	76410-10**	10	30	26.60	17.10	0.46+0.05														
	76410-14**	14	42	34.20	24.70	0.46+0.05														
	76410-16**	16	48	38.00	28.50	0.46+0.05														
L	76410-8**	8	24	22.80	13.30	0.39+0.05														
	76410-10**	10	30	26.60	17.10	0.39+0.05														
	76410-14**	14	42	34.20	24.70	0.39+0.05														
	76410-16**	16	48	38.00	28.50	0.39+0.05														

76410-****

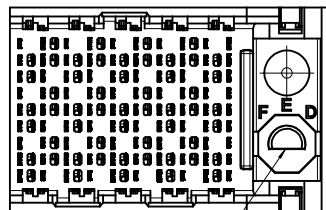
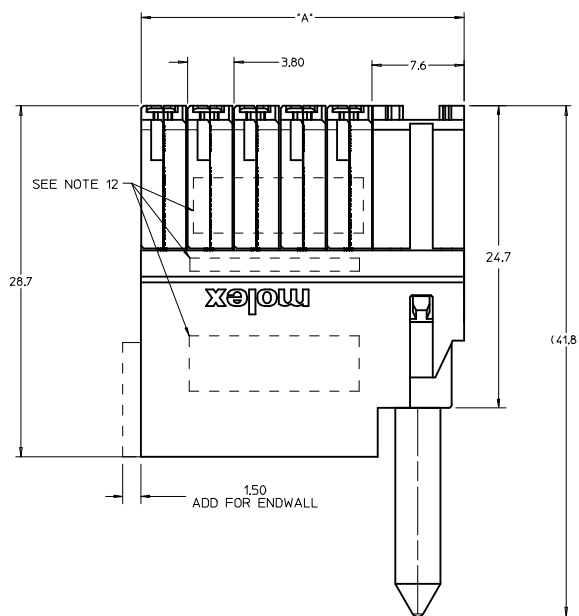
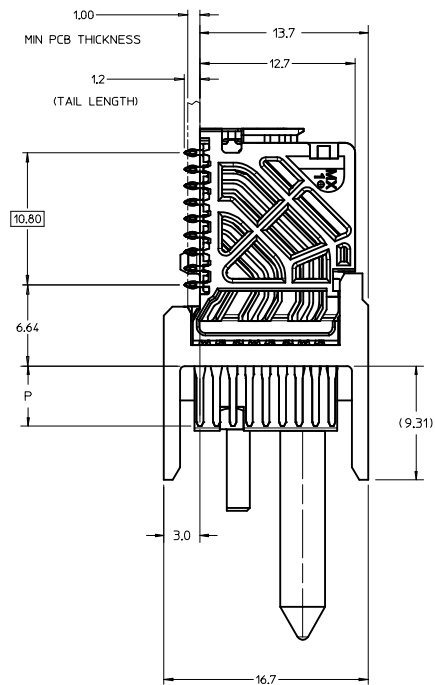
MODULE & TAIL PLATING TYPE
 5 = RIGHT GUIDED LEAD-FREE
 9 = RIGHT GUIDED LEAD-FREE W/ ENDWALL

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)

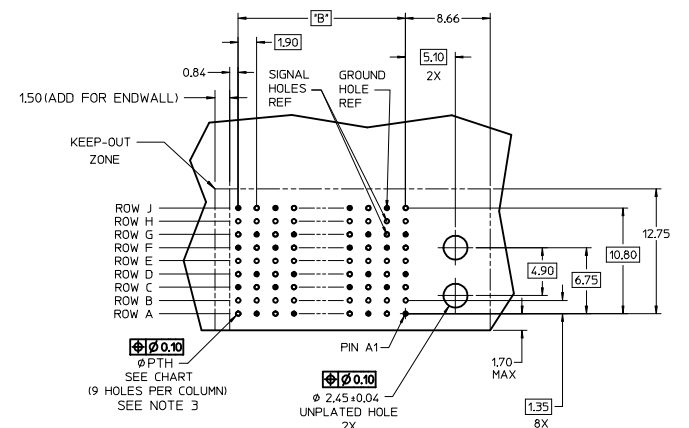
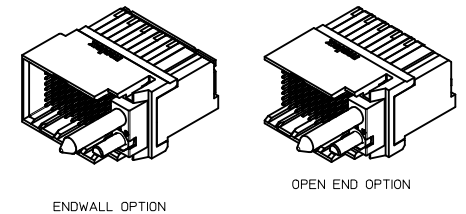
OF COLUMNS
 1 = 10 COL
 4 = 14 COL
 6 = 16 COL
 8 = 8 COL

POLARIZATION KEY ORIENTATION
 0 = NO KEY
 1 = A 5 = E
 2 = B 6 = F
 3 = C 7 = G
 4 = D 8 = H

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30uIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
 5. PRODUCT IS PACKAGED PER PK-70873-762.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-76170-002 FOR THE MATING RECEPTACLES.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0005 (7.62 +0.38/-0.76 mm THREADABLE SCREW LENGTH), THE BOARD THICKNESS RANGE IS 1.00 TO 1.80 mm.
 10. GUIDE RIGHT RAM MATES WITH A GUIDE LEFT DAUGHTERCARD.
 11. OPEN END VERSION SHOWN FOR CLARITY.
 12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.



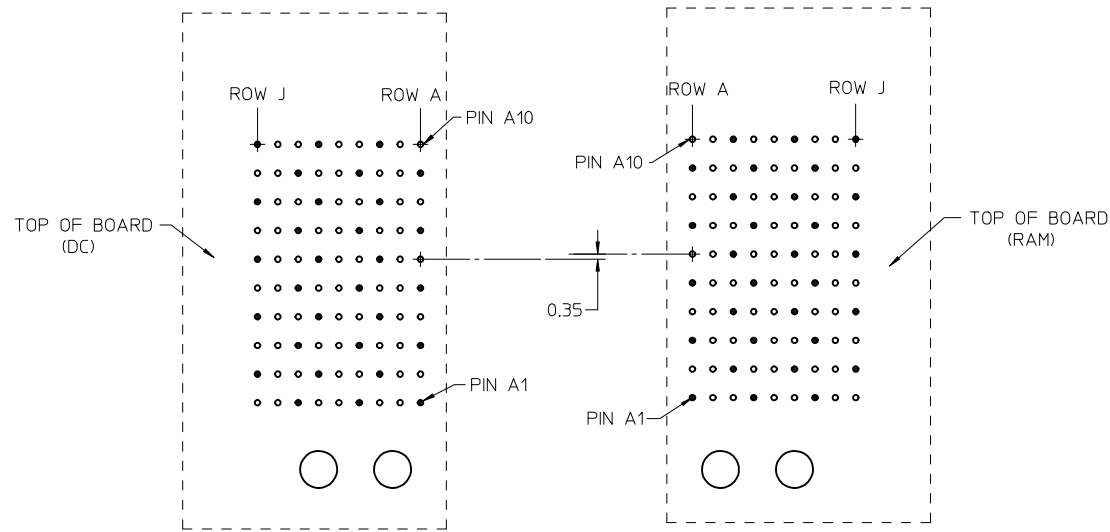
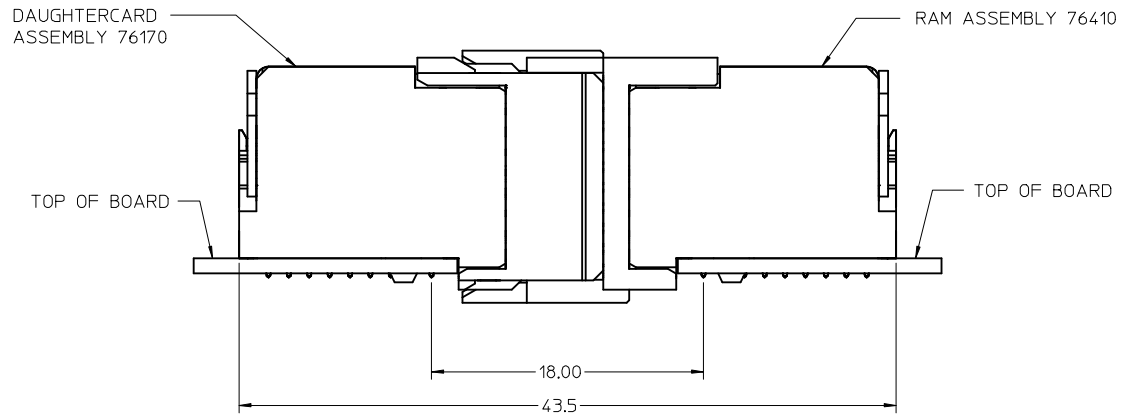
KEY SHOWN
IN POSITION A



RAM HOLE PATTERN (CONNECTOR SIDE)

ADD LASER MARK INFO		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: UCP2016-3973	2015/07/29	DRWN:VARVARA	2016/02/22	CHKD:TELO	2016/04/20	APPR:TELO	2016/04/20	MM ONLY	DATE	5:1	METRIC	IMPACT 3 PAIR RAM GUIDE RIGHT	SHEET NO.
		▽=0		4 PLACES ±---		DRAWN BY		DATE		DATE		TITLE	
		▽=0		3 PLACES ±---		CHECKED BY		DATE		DATE		IMPACT 3 PAIR RAM GUIDE RIGHT	
		▽=0		2 PLACES ±0.13		JONIAK		2008/10/21		2008/10/21		SIGNAL MODULE SALES DWG	
				1 PLACE ±0.25		APPROVED BY		DATE		DATE		molex	
				0 PLACE ±		JLAUX		2008/10/21		2008/10/21		MATERIAL NO. SD-76410-004	
				ANGULAR ±1/2°		DRAWN BY		DATE		DATE		DOCUMENT NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		JLAUX		2008/10/21		2008/10/21		SD-76410-004	
						MATERIAL NO.		DATE		DATE		1 OF 2	
						SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

COPLANAR APPLICATION



COPLANAR MATED SIGNAL PATHS



SEE SHEET 1 EC NO: UCP2016-3973 DRAWN BY: DRWINDYARVARA CHKD: TELU APPR: TELU	T1	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
						mm	INCH	DRAWN BY JLAURX	DATE 2008/10/21	TITLE IMPACT 3 PAIR RAM GUIDE RIGHT SIGNAL MODULE SALES DWG molex		
					4 PLACES	± ---	± ---	CHECKED BY JJONI AK	DATE 2008/10/21			
					3 PLACES	± ---	± ---	APPROVED BY JLAURX	DATE 2008/10/21			
					2 PLACES	± 0.13	± ---	MATERIAL NO.				
					1 PLACE	± 0.25	± ---	DOCUMENT NO.				
					0 PLACE	±		SEE TABLE		SD-76410-004		
					ANGULAR ±1/2°			SHEET NO. 2 OF 2				
					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				