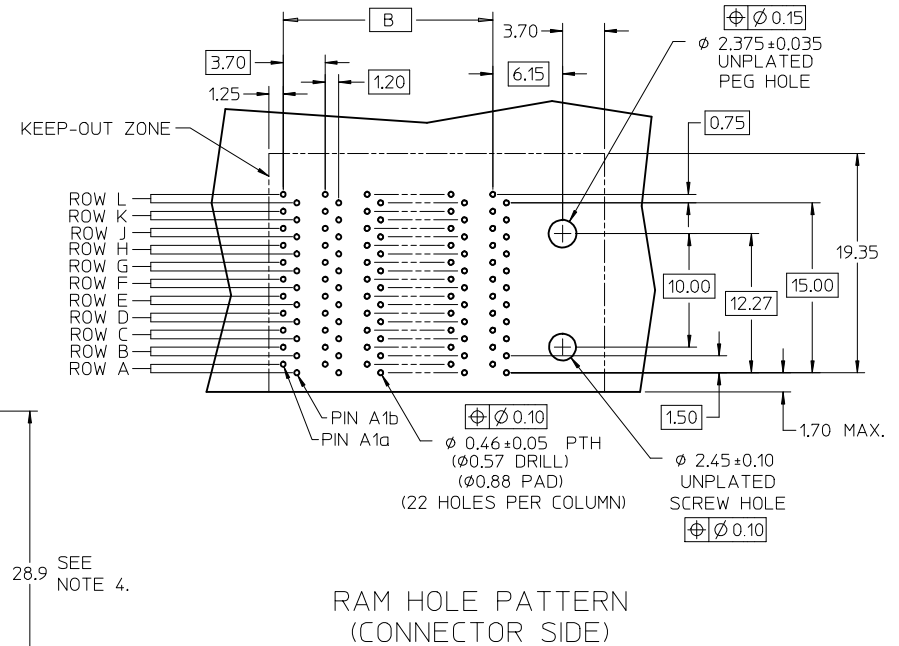
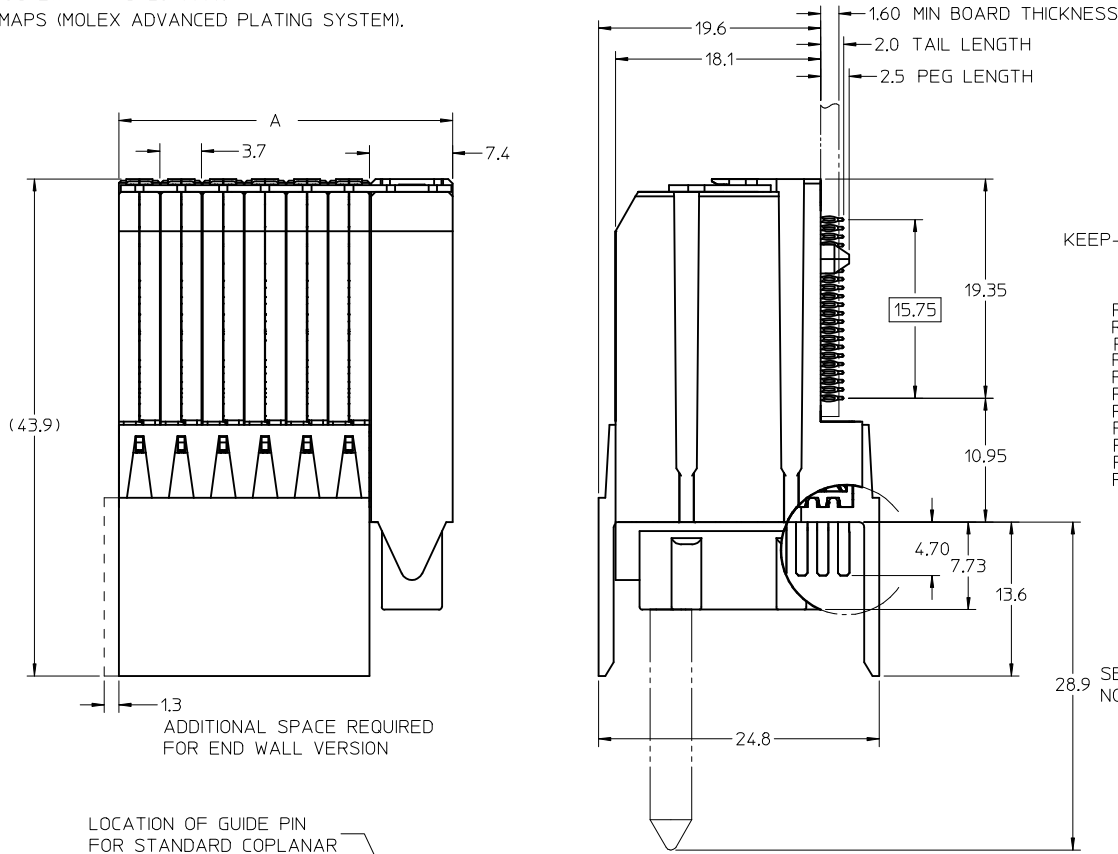


NOTES:

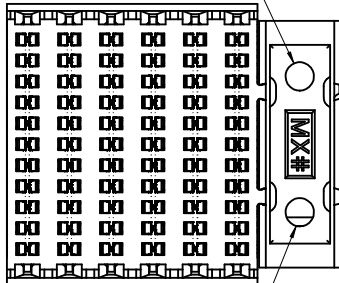
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), BLACK, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: SELECTIVE GOLD IN CONTACT AREA.  
SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
3. MOLEX PRODUCT SPECIFICATION: PS-75710-999.
4. OPTIONAL GUIDE PIN SHOWN IN COPLANAR LOCATION.
5. PACKAGED PER PK-70873-585.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
7. GUIDED PARTS TO BE SHIPPED WITH 2-32 TYPE AB SELF-TAPPING SCREW P/N 73726-0000.
8. MAPS (MOLEX ADVANCED PLATING SYSTEM).

MATERIAL NUMBER	# OF COLUMNS	DIM "A" MAX	DIM "B"
75910-*5**	5	25.9	14.80
75910-*6**	6	29.6	18.50
75910-*1**	10	44.4	33.30



RAM HOLE PATTERN (CONNECTOR SIDE)

LOCATION OF GUIDE PIN FOR STANDARD COPLANAR



(75910-\*\*\*3)  
(75910-\*\*\*7)

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
G	LEAD FREE CON/MAPS EC NO: UCP2013-4121 DRAWN:RHIPPLE 2013/04/01 CHKD:MWOLFE 2013/04/01 APPR:SMILLER 2013/07/15	▽=0 ▽=0 ▽=0	4 PLACES ±	±	ELO	2006/06/19	3:1	METRIC	I-TRAC 11 ROW RAM ASS'Y DIFFERENTIAL LONG NOSE GUIDE RIGHT <b>molex</b>
			3 PLACES ±	±	CHECKED BY	DATE			
			2 PLACES ±	±	ELO	2006/11/09			DOCUMENT NO. SD-75910-003 SHEET NO. 1 OF 3
			1 PLACE ±	±	APPROVED BY	DATE			
			0 PLACE ±	±	BIXLER	2006/11/10			
			ANGULAR ±1/2°		MATERIAL NO. 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		

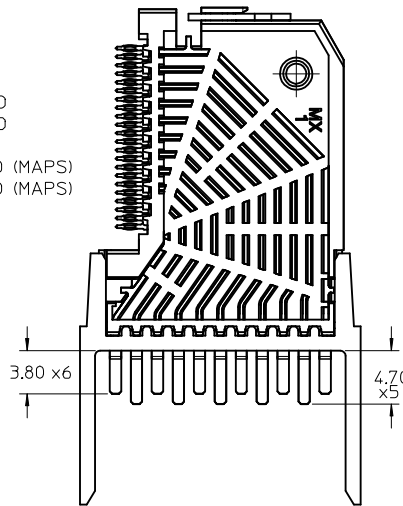
# 75910-\*\*\*\*

MODULE TYPE - TAIL PLATING TYPE  
 GUIDE RIGHT - MATTE TIN (FORMERLY TIN/LEAD) = 4  
 GUIDE RIGHT - MATTE TIN = 5  
 GUIDE RIGHT, END WALL - MATTE TIN (FORMERLY TIN/LEAD) = 8  
 GUIDE RIGHT, END WALL - MATTE TIN = 9

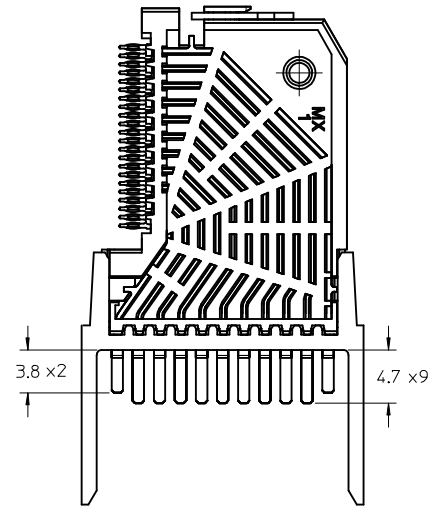
# OF COLUMNS  
 5 = 5 COL  
 6 = 6 COL  
 1 = 10 COL

PIN LENGTH/PLATING  
 3 = 4.70 30 GOLD  
 5 = 6 X 3.80, 5 X 4.70 STAGGERED 30 GOLD  
 6 = 2 X 3.80, 9 X 4.70 STAGGERED 30 GOLD  
 7 = 4.70 10 GOLD (MAPS)  
 8 = 6 X 3.80, 5 X 4.70 STAGGERED 10 GOLD (MAPS)  
 9 = 2 X 3.80, 9 X 4.70 STAGGERED 10 GOLD (MAPS)

ORIENTATION OF GUIDE POST  
 2 = COPLANAR  
 3 = INVERTED



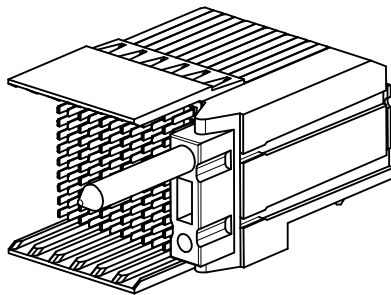
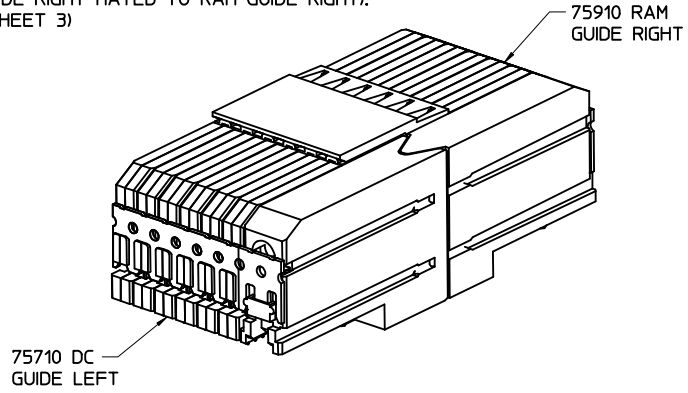
STAGGERED PIN OPTION  
 (75910-\*\*\*\*5)  
 (75910-\*\*\*\*8)



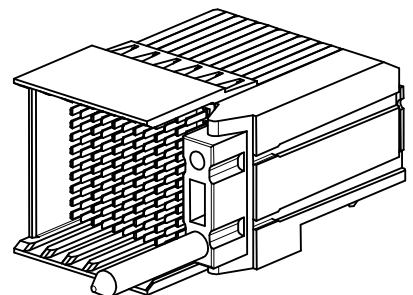
STAGGERED PIN OPTION  
 (75910-\*\*\*\*6)  
 (75910-\*\*\*\*9)

## NOTE:

WHEN MATING RIGHT ANGLE MALE (RAM) TO A DAUGHTERCARD IN A COPLANAR APPLICATION, THE GUIDE CONFIGURATION IS OPPOSING (DC GUIDE LEFT MATED TO RAM GUIDE RIGHT). WHEN INVERTED, THE RAM AND DAUGHTERCARD HAVE THE SAME GUIDE CONFIGURATION (DC GUIDE RIGHT MATED TO RAM GUIDE RIGHT). (SEE SHEET 3)



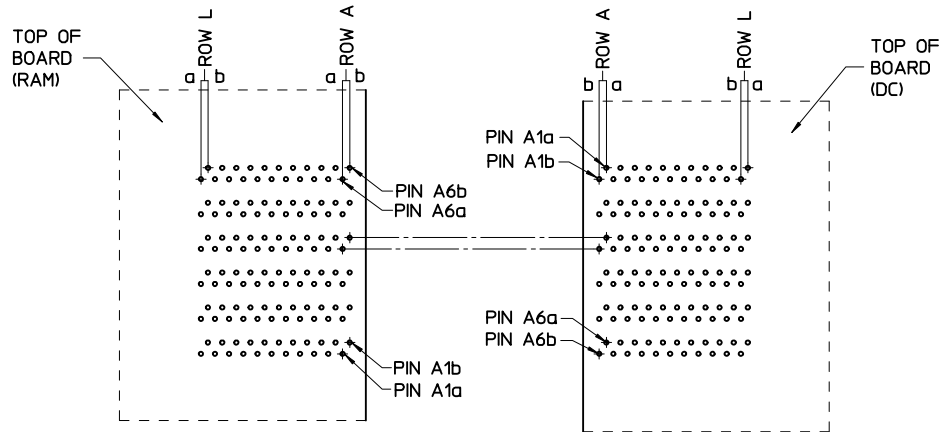
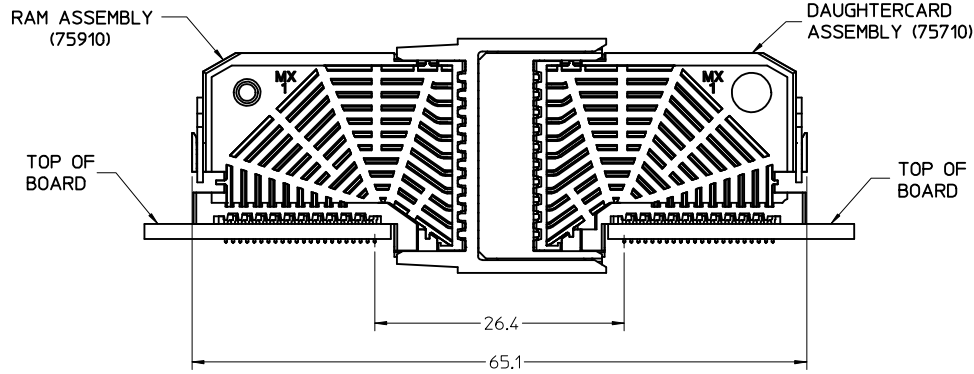
75910-4\*2\* or  
 75910-5\*2\*  
 GUIDE RIGHT, COPLANAR



75910-8\*3\* or  
 75910-9\*3\*  
 GUIDE RIGHT, END WALL,  
 INVERTED

SEE SHEET 1 EC NO: UCP2013-4121 DRW:RWHIPPLE 2013/04/01 CHK:DHWOLFE 2013/04/01 APPR:SMILLER 2013/07/15	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 ± ±	DIMENSION STYLE MM ONLY DRAWN BY DATE ELO 2006/06/19 CHECKED BY DATE ELO 2006/11/09 APPROVED BY DATE BIXLER 2006/11/10	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE I-TRAC 11 ROW RAM ASS'Y DIFFERENTIAL LONG NOSE GUIDE RIGHT <b>molex</b>	MATERIAL NO. SEE CHART DOCUMENT NO. SD-75910-003 SHEET NO. 2 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

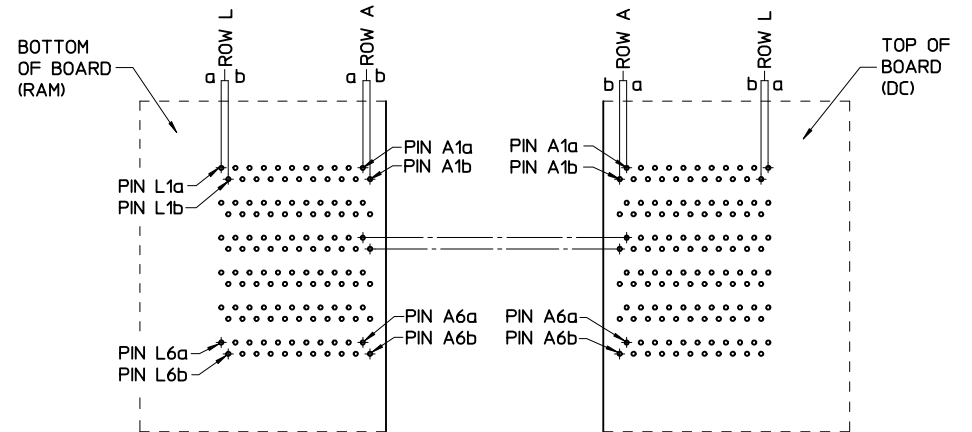
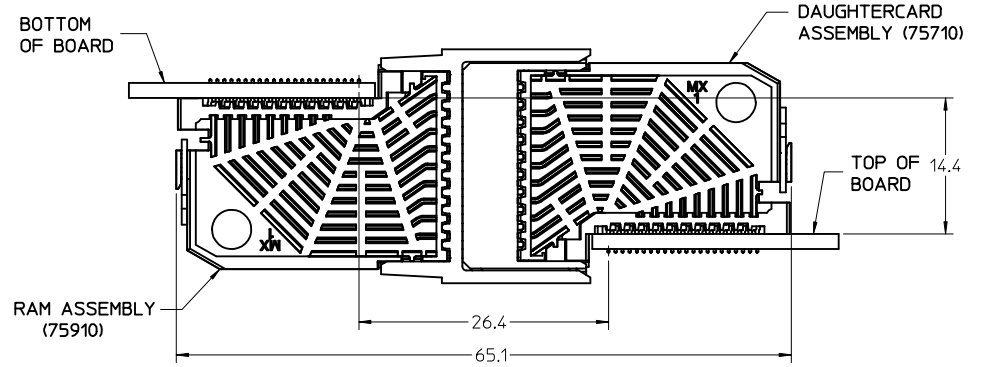
# COPLANAR APPLICATION



COPLANAR MATED SIGNAL PATHS

RAM PIN A6b	.....	DC PIN A1a
RAM PIN A6a	.....	DC PIN A1b
.....	.....	.....
RAM PIN A1b	.....	DC PIN A6a
RAM PIN A1a	.....	DC PIN A6b

# INVERTED APPLICATION



INVERTED MATED SIGNAL PATHS

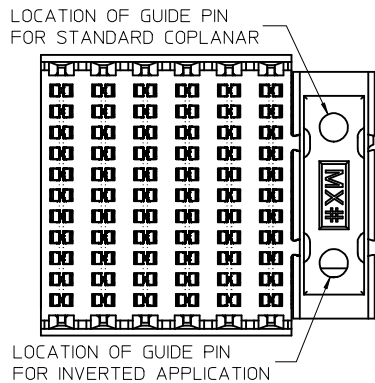
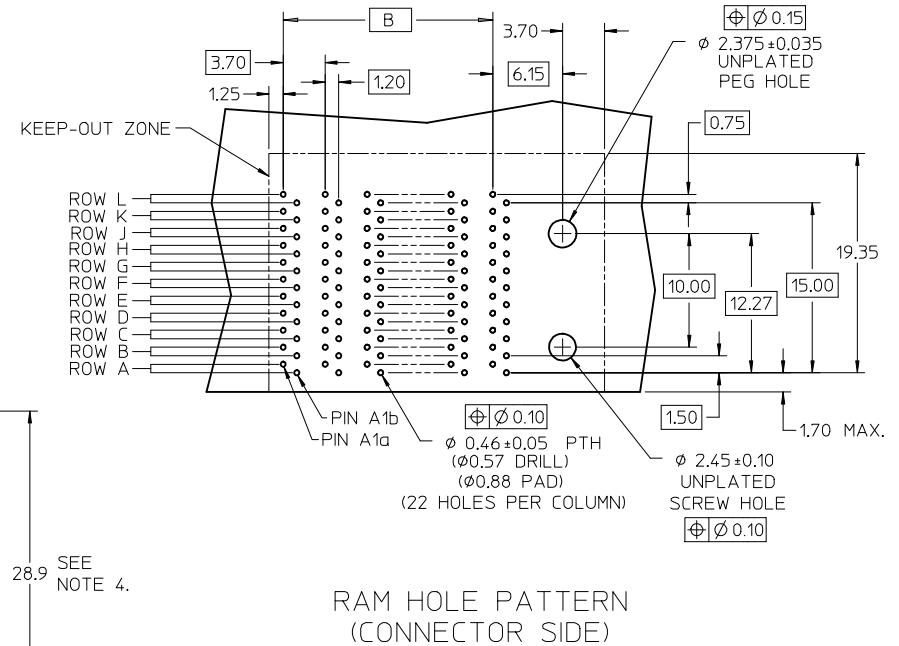
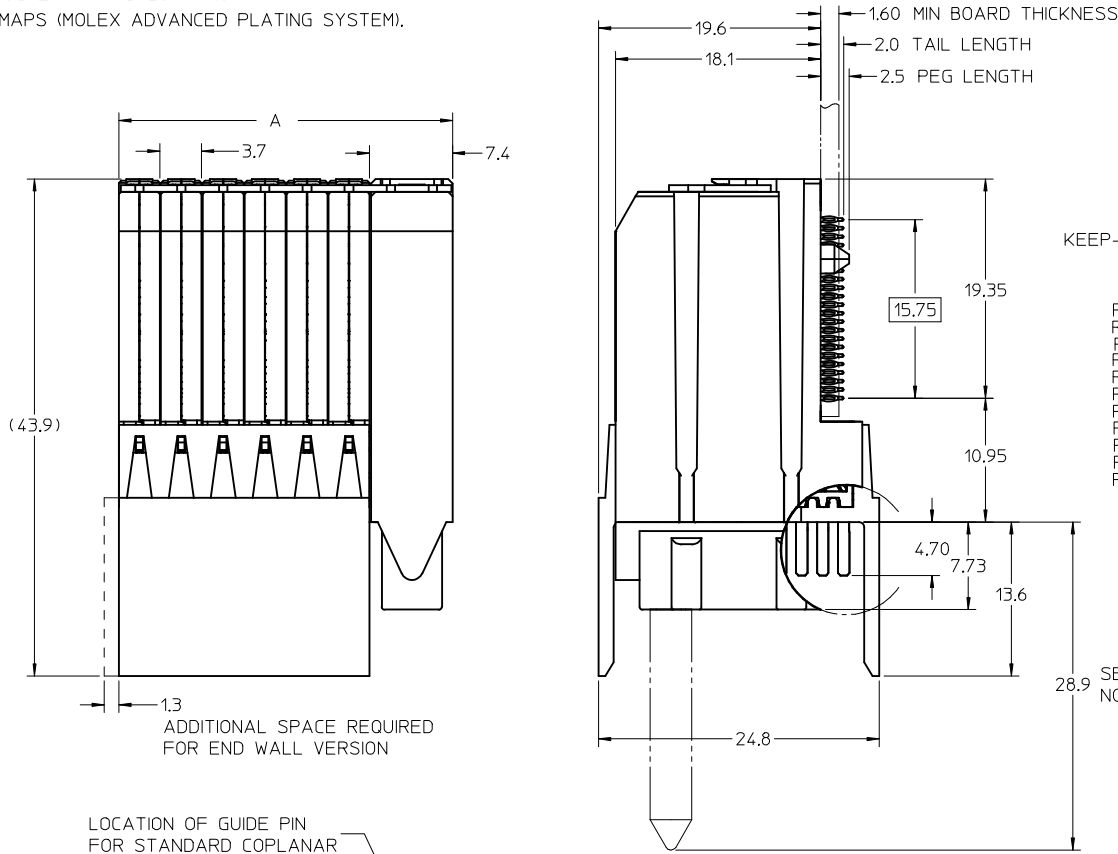
RAM PIN L1a	.....	DC PIN A1a
RAM PIN L1b	.....	DC PIN A1b
.....	.....	.....
RAM PIN L6a	.....	DC PIN A6a
RAM PIN L6b	.....	DC PIN A6b

SEE SHEET 1 EC NO: UCP2013-4121 DRW:RWHIPPLE 2013/04/01 CHKD:MWOLFE 2013/04/01 APPR:SMILLER 2013/07/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE ELO 2006/06/19	TITLE I-TRAC 11 ROW RAM ASS'Y DIFFERENTIAL LONG NOSE GUIDE RIGHT	<b>molex</b> DOCUMENT NO. SD-75910-003	SHEET NO. 3 OF 3
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE ELO 2006/11/09			
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE BIXLER 2006/11/10			
▽=0	2 PLACES ± 0.13 ± ---	MATERIAL NO.				
		1 PLACE ± 0.25 ± ---	SEE CHART			
		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				

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), BLACK, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: SELECTIVE GOLD IN CONTACT AREA.  
SELECTIVE MATTE TIN ON PCB TAILS. NICKEL OVERALL.
3. MOLEX PRODUCT SPECIFICATION: PS-75710-999.
4. OPTIONAL GUIDE PIN SHOWN IN COPLANAR LOCATION.
5. PACKAGED PER PK-70873-585.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX COSMETIC SPEC PS-45499-002.
7. GUIDED PARTS TO BE SHIPPED WITH 2-32 TYPE AB SELF-TAPPING SCREW P/N 73726-0000.
8. MAPS (MOLEX ADVANCED PLATING SYSTEM).

MATERIAL NUMBER	# OF COLUMNS	DIM "A" MAX	DIM "B"
75910-*5**	5	25.9	14.80
75910-*6**	6	29.6	18.50
75910-*1**	10	44.4	33.30



(75910-\*\*\*3)  
(75910-\*\*\*7)

REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
			mm	INCH	MM ONLY	DATE			
G	LEAD FREE CON/MAPS EC NO: UCP2013-4121 DRAWN:RHIPPLE 2013/04/01 CHKD:MWOLFE 2013/04/01 APPR:SMILLER 2013/07/15	▽=0 ▽=0 ▽=0	4 PLACES ± ---	± ---	ELO	2006/06/19	3:1	METRIC	I-TRAC 11 ROW RAM ASS'Y DIFFERENTIAL LONG NOSE GUIDE RIGHT <b>molex</b>
			3 PLACES ± ---	± ---	CHECKED BY	DATE			
			2 PLACES ± 0.13	± ---	ELO	2006/11/09			DOCUMENT NO. SD-75910-003 SHEET NO. 1 OF 3
			1 PLACE ± 0.25	± ---	APPROVED BY	DATE			
			0 PLACE ±	±	BIXLER	2006/11/10			
			ANGULAR ±1/2°		MATERIAL NO. 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		

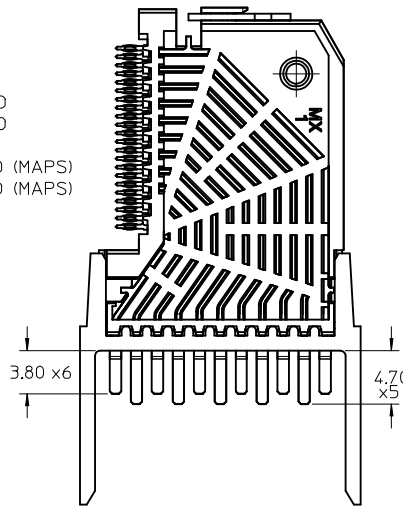
# 75910-\*\*\*\*

MODULE TYPE - TAIL PLATING TYPE  
 GUIDE RIGHT - MATTE TIN (FORMERLY TIN/LEAD) = 4  
 GUIDE RIGHT - MATTE TIN = 5  
 GUIDE RIGHT, END WALL - MATTE TIN (FORMERLY TIN/LEAD) = 8  
 GUIDE RIGHT, END WALL - MATTE TIN = 9

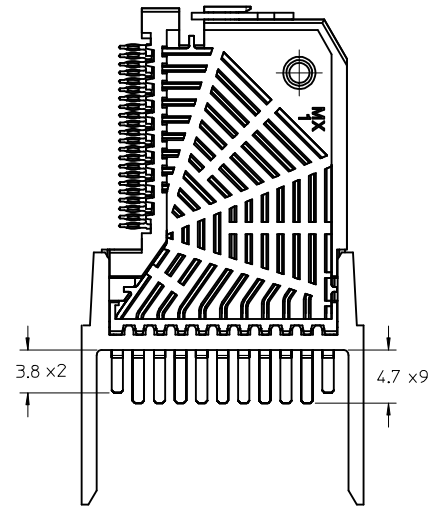
# OF COLUMNS  
 5 = 5 COL  
 6 = 6 COL  
 1 = 10 COL

PIN LENGTH/PLATING  
 3 = 4.70 30 GOLD  
 5 = 6 X 3.80, 5 X 4.70 STAGGERED 30 GOLD  
 6 = 2 X 3.80, 9 X 4.70 STAGGERED 30 GOLD  
 7 = 4.70 10 GOLD (MAPS)  
 8 = 6 X 3.80, 5 X 4.70 STAGGERED 10 GOLD (MAPS)  
 9 = 2 X 3.80, 9 X 4.70 STAGGERED 10 GOLD (MAPS)

ORIENTATION OF GUIDE POST  
 2 = COPLANAR  
 3 = INVERTED



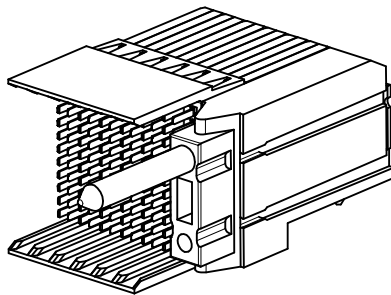
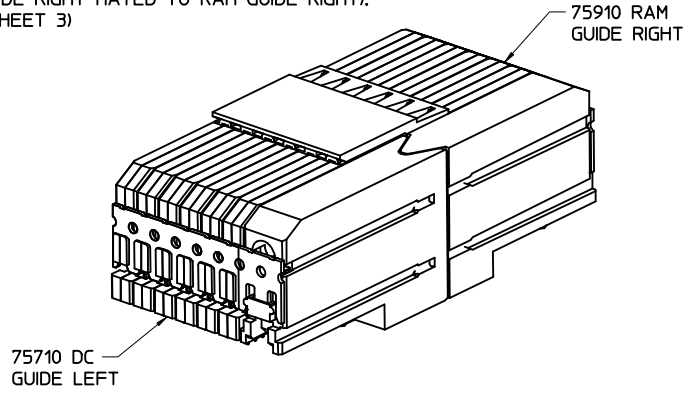
STAGGERED PIN OPTION  
 (75910-\*\*\*5)  
 (75910-\*\*\*8)



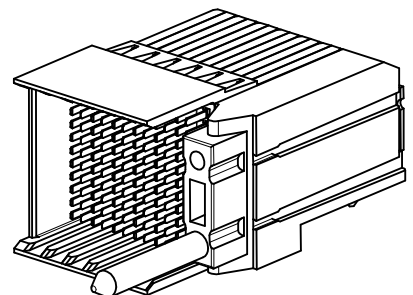
STAGGERED PIN OPTION  
 (75910-\*\*\*6)  
 (75910-\*\*\*9)

## NOTE:

WHEN MATING RIGHT ANGLE MALE (RAM) TO A DAUGHTERCARD IN A COPLANAR APPLICATION, THE GUIDE CONFIGURATION IS OPPOSING (DC GUIDE LEFT MATED TO RAM GUIDE RIGHT). WHEN INVERTED, THE RAM AND DAUGHTERCARD HAVE THE SAME GUIDE CONFIGURATION (DC GUIDE RIGHT MATED TO RAM GUIDE RIGHT). (SEE SHEET 3)



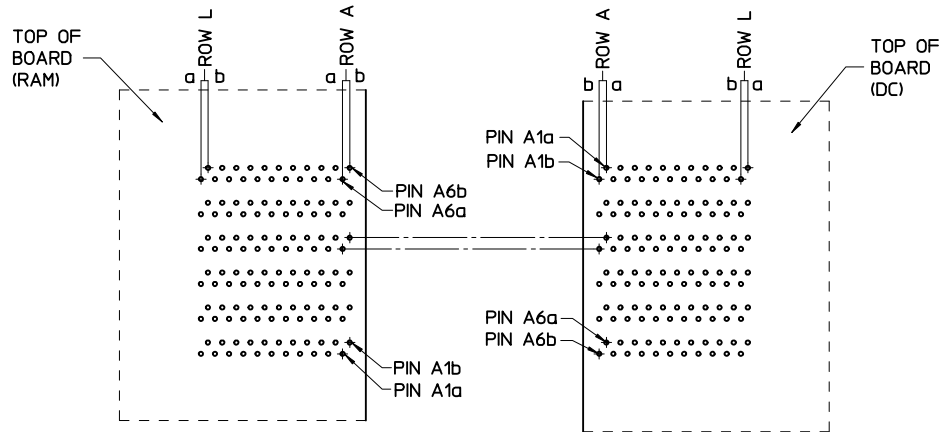
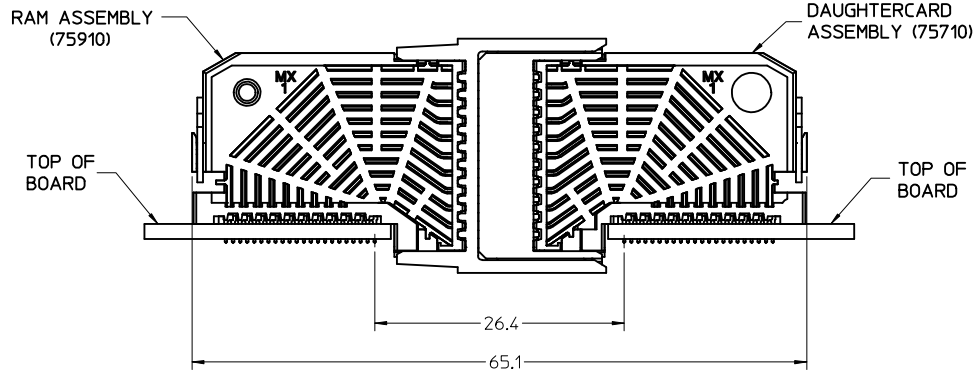
75910-4\*2\* or  
 75910-5\*2\*  
 GUIDE RIGHT, COPLANAR



75910-8\*3\* or  
 75910-9\*3\*  
 GUIDE RIGHT, END WALL, INVERTED

SEE SHEET 1 EC NO: UCP2013-4121 DRW:RWHIPPLE 2013/04/01 CHK:DWOLFE 2013/04/01 APPR:SMILLER 2013/07/15	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 ± ±	DIMENSION STYLE MM ONLY DRAWN BY DATE ELO 2006/06/19 CHECKED BY DATE ELO 2006/11/09 APPROVED BY DATE BIXLER 2006/11/10	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE I-TRAC 11 ROW RAM ASS'Y DIFFERENTIAL LONG NOSE GUIDE RIGHT <b>molex</b>	MATERIAL NO. SEE CHART DOCUMENT NO. SD-75910-003 SHEET NO. 2 OF 3
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	ANGULAR ±1/2°	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

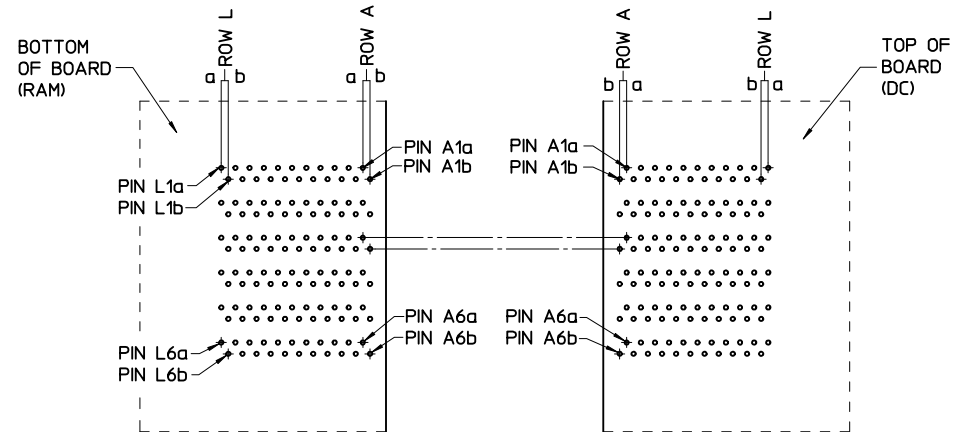
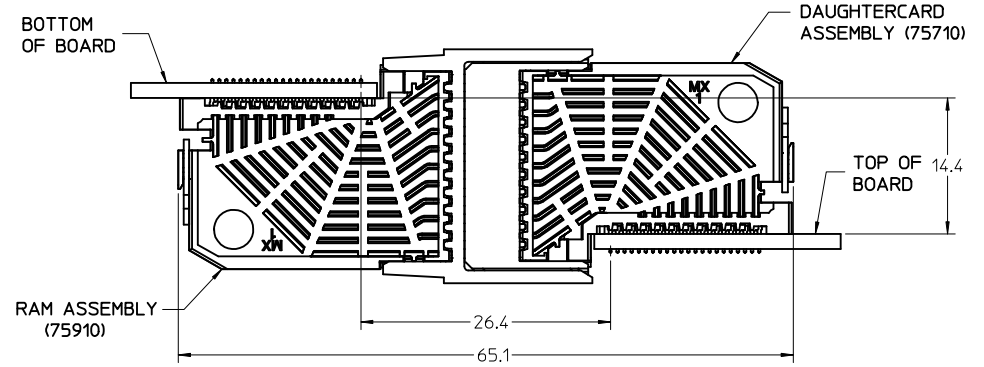
# COPLANAR APPLICATION



COPLANAR MATED SIGNAL PATHS

RAM PIN A6b	.....	DC PIN A1a
RAM PIN A6a	.....	DC PIN A1b
.....	.....	.....
RAM PIN A1b	.....	DC PIN A6a
RAM PIN A1a	.....	DC PIN A6b

# INVERTED APPLICATION



INVERTED MATED SIGNAL PATHS

RAM PIN L1a	.....	DC PIN A1a
RAM PIN L1b	.....	DC PIN A1b
.....	.....	.....
RAM PIN L6a	.....	DC PIN A6a
RAM PIN L6b	.....	DC PIN A6b

SEE SHEET 1 EC NO: UCP2013-4121 DRW:RWHIPPLE 2013/04/01 CHKD:MWOLFE 2013/04/01 APPR:SMILLER 2013/07/15	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE <b>MM ONLY</b>	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm INCH	DRAWN BY DATE ELO 2006/06/19	TITLE I-TRAC 11 ROW RAM ASS'Y DIFFERENTIAL LONG NOSE GUIDE RIGHT	<b>molex</b> DOCUMENT NO. SD-75910-003	SHEET NO. 3 OF 3
	▽=0	4 PLACES ± --- ± ---	CHECKED BY DATE ELO 2006/11/09			
	▽=0	3 PLACES ± --- ± ---	APPROVED BY DATE BIXLER 2006/11/10			
▽=0	2 PLACES ± 0.13 ± ---	MATERIAL NO.				
		1 PLACE ± 0.25 ± ---	SEE CHART	SD-75910-003		
		0 PLACE ± ±	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		