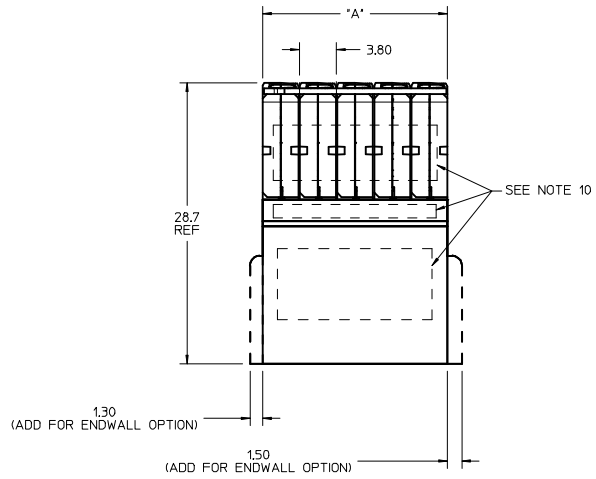
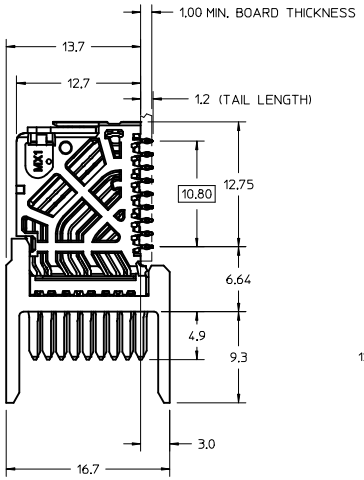
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ø
170510-18**	8	24	15.20	13.30	0.46±0.05
170510-11**	10	30	19.00	17.10	
170510-18**	8	24	15.20	13.30	0.39±0.05
170510-11**	10	30	19.00	17.10	

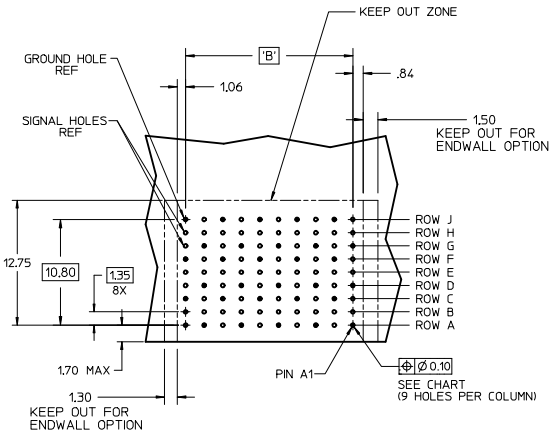
170510-1***

- MODULE TYPE: 1 = UNGUIDED, LEAD-FREE
- # OF COLUMNS: 1 = 10 COLUMNS, 8 = 8 COLUMNS
- 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)
- END WALL OPTIONS: 0 = OPEN ENDS, 1 = LEFT ENDWALL, 2 = DUAL ENDWALL, 3 = RIGHT ENDWALL

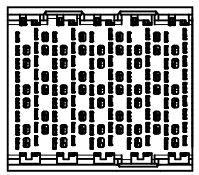
NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-041.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170340-001 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
9. GROUND PATHS ARE NOT DISCRETE CIRCUITS.
10. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

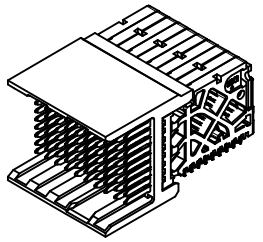




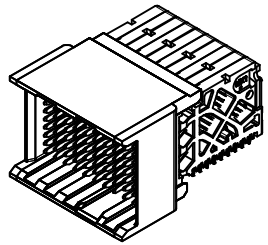


RAM HOLE PATTERN
(CONNECTOR SIDE)





OPEN END OPTION



DUAL WALL OPTION

RMYD 12, 14, 16-COL OPTIONS
EC NO: UCP2017-2489 2017/05/17
DRWN: DVARVARA
CHKD:
APPR: TELO 2017/05/22
DESCRIPTION
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

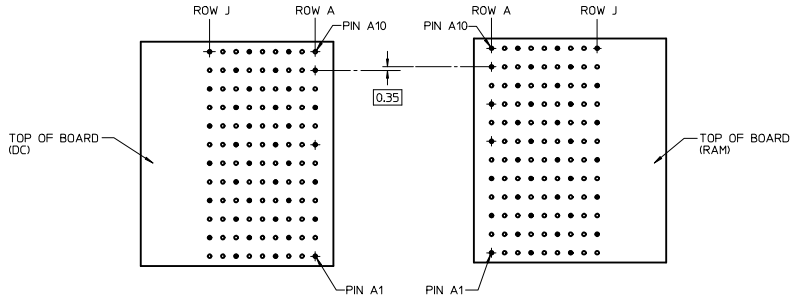
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	MKRAUSE
DATE	2013/05/31
CHECKED BY	TELO
DATE	2016/02/22
APPROVED BY	TELO
DATE	2014/03/13
MATERIAL NO.	SEE CHART
TITLE	IMPACT 3P 85 OHM RAM SIGNAL MODULE ASSEMBLY UNGUIDED SALES DRAWING
DOCUMENT NO.	SD-170510-0002
SHEET NO.	1 OF 2
SIZE	D

molex

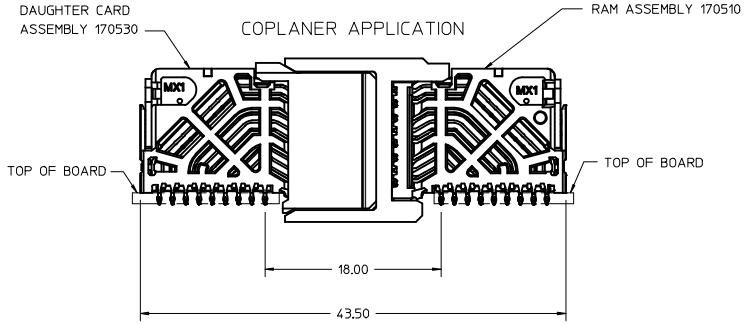
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

A3



COPLANAR MATED SIGNAL PATHS

DC PIN A10----------RAM PIN A10
DC PIN A1----------RAM PIN A1



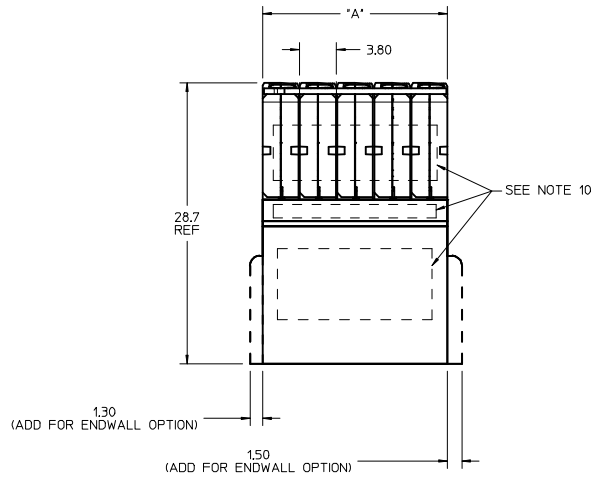
SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: UCP2017-2489 2017/05/17		mm	INCH	MM ONLY	4:1	METRIC	
DRWN:DJVARVARA 2017/05/22	▽=0	4 PLACES ± ---	± ---	DRAWN BY MKRAUSE DATE 2013/05/31	TITLE: IMPACT 3P 85 OHM RAM SIGNAL MODULE ASSEMBLY UNGUIDED SALES DRAWING		
CHKD:	▽=0	3 PLACES ± ---	± ---	CHECKED BY TELO DATE 2016/02/22			
APPR: TELO	▽=0	2 PLACES ± 0.13	± ---	APPROVED BY TELO DATE 2014/03/13	molex		
DESCRIPTION		1 PLACE ± 0.25	± ---	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-170510-0002		SHEET NO. 2 OF 2
REV		0 PLACE ± ---	± ---				
A3		ANGULAR ±1/2°		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

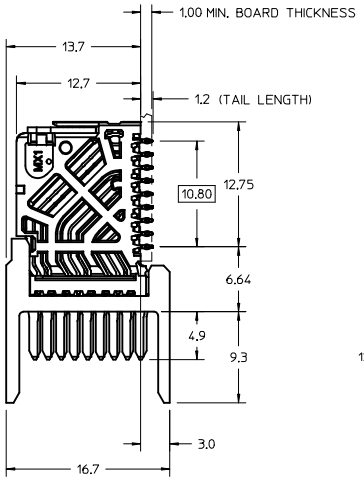
MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ø
170510-18**	8	24	15.20	13.30	0.46±0.05
170510-11**	10	30	19.00	17.10	
170510-18**	8	24	15.20	13.30	0.39±0.05
170510-11**	10	30	19.00	17.10	

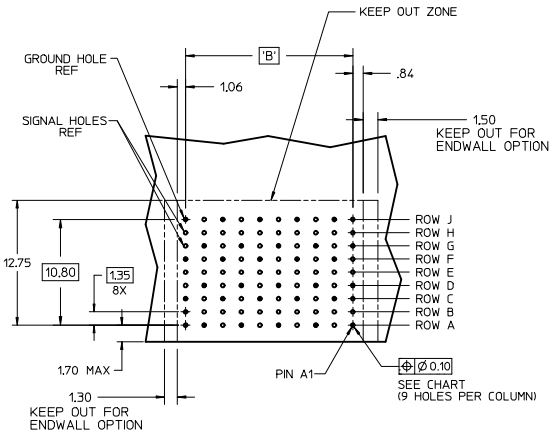
170510-1***

- MODULE TYPE: 1 = UNGUIDED, LEAD-FREE
- # OF COLUMNS: 1 = 10 COLUMNS, 8 = 8 COLUMNS
- 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)
- END WALL OPTIONS: 0 = OPEN ENDS, 1 = LEFT ENDWALL, 2 = DUAL ENDWALL, 3 = RIGHT ENDWALL

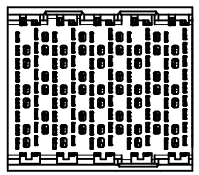
NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-041.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170340-001 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
9. GROUND PATHS ARE NOT DISCRETE CIRCUITS.
10. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

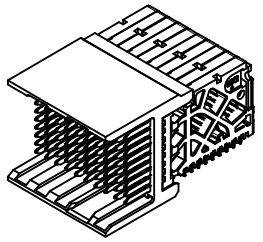




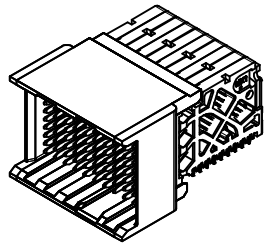


RAM HOLE PATTERN
(CONNECTOR SIDE)





OPEN END OPTION



DUAL WALL OPTION

RMYD 12, 14, 16-COL OPTIONS
EC NO: UCP2017-2489 2017/05/17
DRWN: DVARVARA
CHKD:
APPR: TELO 2017/05/22
DESCRIPTION
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

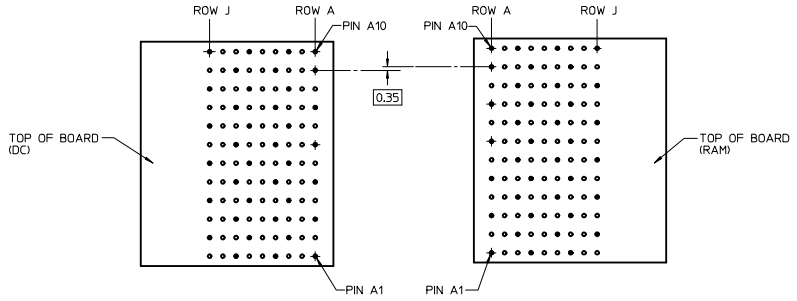
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY	MKRAUSE
DATE	2013/05/31
CHECKED BY	TELO
DATE	2016/02/22
APPROVED BY	TELO
DATE	2014/03/13
MATERIAL NO.	SEE CHART
TITLE	IMPACT 3P 85 OHM RAM SIGNAL MODULE ASSEMBLY UNGUIDED SALES DRAWING
DOCUMENT NO.	SD-170510-0002
SHEET NO.	1 OF 2
SIZE	D

molex

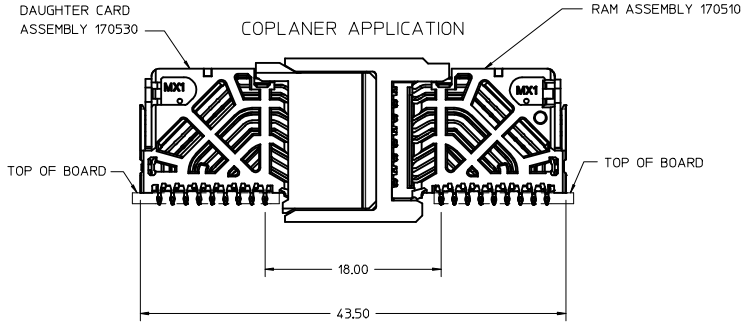
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

A3



COPLANAR MATED SIGNAL PATHS

DC PIN A10----------RAM PIN A10
DC PIN A1----------RAM PIN A1



SEE SHEET 1	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
EC NO: UCP2017-2489 2017/05/17		mm	INCH	MM ONLY	4:1	METRIC	
DRWN:DJVARVARA 2017/05/22	▽=0	4 PLACES ± ---	± ---	DRAWN BY MKRAUSE DATE 2013/05/31	TITLE: IMPACT 3P 85 OHM RAM SIGNAL MODULE ASSEMBLY UNGUIDED SALES DRAWING		
CHKD:	▽=0	3 PLACES ± ---	± ---	CHECKED BY TELO DATE 2016/02/22			
APPR: TELO	▽=0	2 PLACES ± 0.13	± ---	APPROVED BY TELO DATE 2014/03/13	molex		
DESCRIPTION		1 PLACE ± 0.25	± ---	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-170510-0002		SHEET NO. 2 OF 2
REV		0 PLACE ± ---	± ---				
A3		ANGULAR ±1/2°		SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ø
170510-*8**	8	24	22.80	13.30	0.46±0.05
170510-*8**					0.39±0.05
170510-*1**	10	30	26.60	17.10	0.46±0.05
170510-*1**					0.39±0.05

170510-****

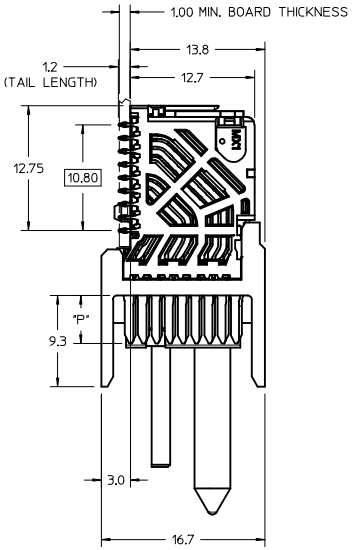
MODULE TYPE
5 = RIGHT GUIDED, LEAD-FREE
9 = RIGHT GUIDED, LEAD-FREE W/ ENDWALL

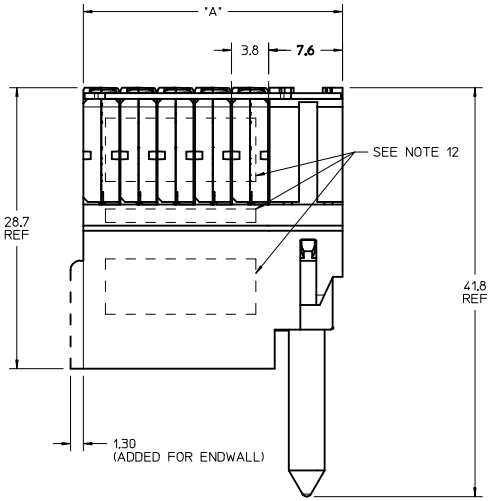
# OF COLUMNS
1 = 10 COLUMNS
8 = 8 COLUMNS

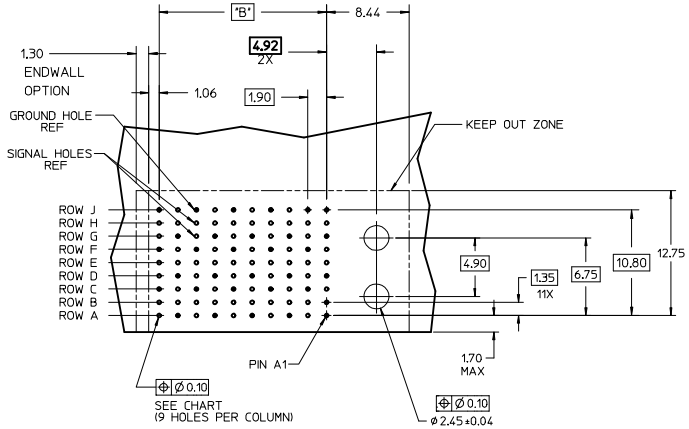
PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

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

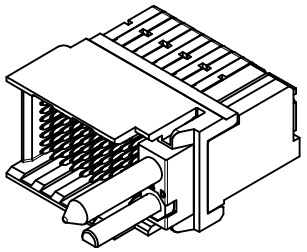
NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-041.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170340-002 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
9. CONNECTORS SUPPLIED WITH A 2-32 SCREW 73726-0000 (9.5mm ±.38mm THREADABLE SCREW LENGTH). THE MAX BOARD THICKNESS IS 4.4mm.
10. GUIDE RIGHT RAM MATES WITH A GUIDE LEFT DAUGHTERCARD.
11. GROUND PATHS ARE NOT DISCRETE CIRCUITS.
12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.



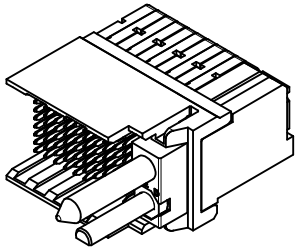




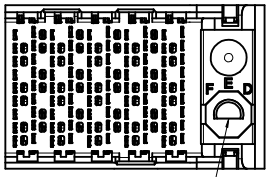
RAM HOLE PATTERN
(CONNECTOR SIDE)



ENDWALL OPTION



OPEN END OPTION



KEY SHOWN
IN POSITION A

RMVD 12, 14, 16-COL OPTIONS 2017/05/17
EC NO: UCP2017-2489 2017/05/22
DRWN: DJVARVARA
CHKD:
APPR: TELO
DESCRIPTION
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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MKRAUSE DATE: 2013/05/31
CHECKED BY: TELO DATE: 2016/02/22
APPROVED BY: TELO DATE: 2014/03/19
MATERIAL NO.: SEE CHART

TITLE: IMPACT 3P 85 OHM RAM RIGHT GUIDED ASSEMBLY SALES DRAWING

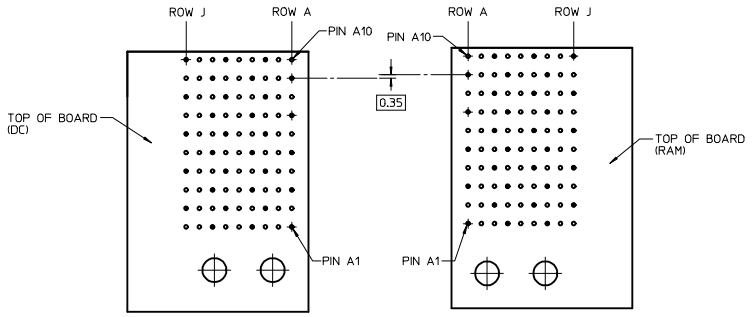
molex

DOCUMENT NO.: SD-170510-0004
SHEET NO.: 1 OF 2

SIZE: D

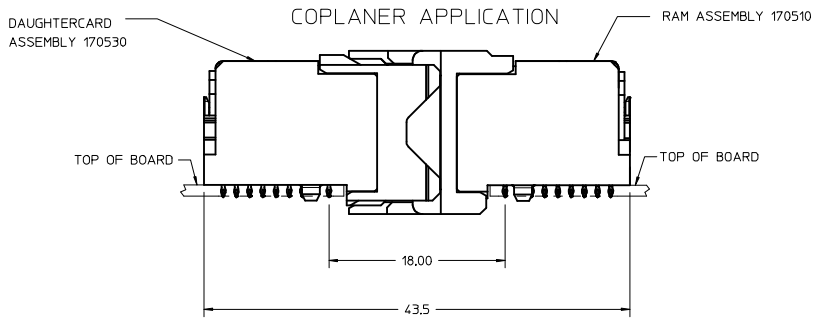
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

A2



COPLANAR MATED SIGNAL PATHS

DC PIN A10----------RAM PIN A10
|
|
DC PIN A1----------RAM PIN A1



PROPOSED EC NO: UCP2017-2489 DRWN:DJVARVARA CHKD: APPR:TELO	2017/05/17 2017/05/22	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY	SCALE: 4:1 / DESIGN UNITS: METRIC / THIRD ANGLE PROJECTION
					mm / INCH	DRAWN BY: MKRAUSE DATE: 2013/05/31	TITLE: IMPACT 3P 85 OHM RAM RIGHT GUIDED ASSEMBLY SALES DRAWING
				=0	4 PLACES ± --- / ± ---	CHECKED BY: TELO DATE: 2016/02/22	
				=0	3 PLACES ± --- / ± ---	APPROVED BY: TELO DATE: 2014/03/19	molex
				=0	2 PLACES ± 0.13 / ± ---	MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-170510-0004 / SHEET NO.: 2 OF 2
				=0	1 PLACE ± 0.25 / ± ---		
					0 PLACE ± --- / ± ---		
					ANGULAR ±1/2°		
A2					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE: D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ø
170510-*8**	8	24	22.80	13.30	0.46±0.05
170510-*8**					0.39±0.05
170510-*1**	10	30	26.60	17.10	0.46±0.05
170510-*1**					0.39±0.05

170510-****

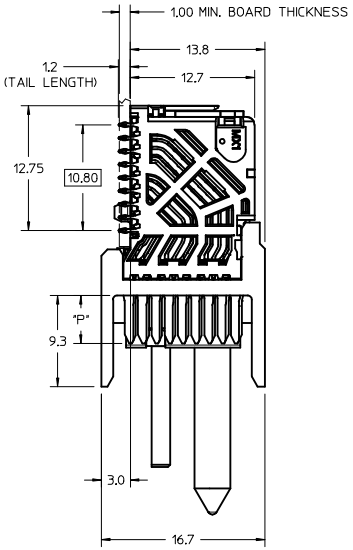
MODULE TYPE
5 = RIGHT GUIDED, LEAD-FREE
9 = RIGHT GUIDED, LEAD-FREE W/ ENDWALL

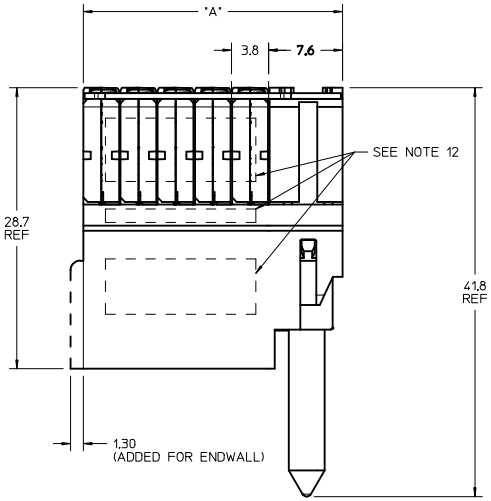
# OF COLUMNS
1 = 10 COLUMNS
8 = 8 COLUMNS

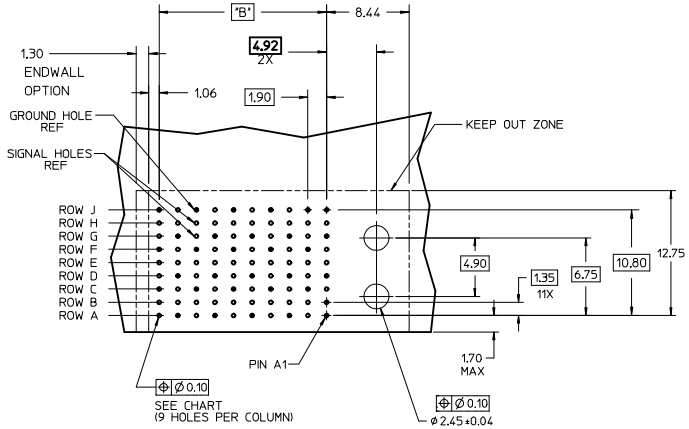
PIN LENGTH (P)
4 = 4.90 (0.46 PTH)
5 = 5.50 (0.46 PTH)
7 = 4.90 (0.39 PTH)
8 = 5.50 (0.39 PTH)

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

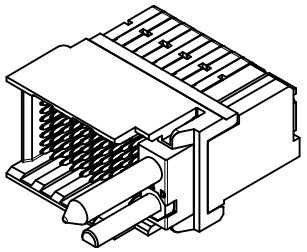
NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-041.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170340-002 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
9. CONNECTORS SUPPLIED WITH A 2-32 SCREW 73726-0000 (9.5mm ±.38mm THREADABLE SCREW LENGTH). THE MAX BOARD THICKNESS IS 4.4mm.
10. GUIDE RIGHT RAM MATES WITH A GUIDE LEFT DAUGHTERCARD.
11. GROUND PATHS ARE NOT DISCRETE CIRCUITS.
12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.



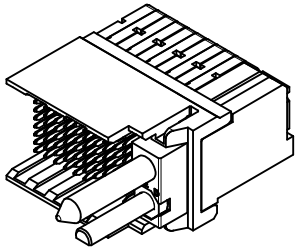




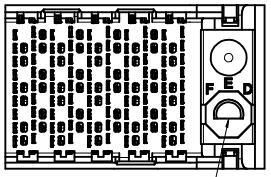
RAM HOLE PATTERN
(CONNECTOR SIDE)



ENDWALL OPTION



OPEN END OPTION



KEY SHOWN
IN POSITION A

RMVD 12, 14, 16-COL OPTIONS 2017/05/17
EC NO: UCP2017-2489 2017/05/22
DRWN: DJVARVARA
CHKD:
APPR: TELO
DESCRIPTION
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
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MKRAUSE DATE: 2013/05/31
CHECKED BY: TELO DATE: 2016/02/22
APPROVED BY: TELO DATE: 2014/03/19
MATERIAL NO.: SEE CHART

TITLE: IMPACT 3P 85 OHM RAM RIGHT GUIDED ASSEMBLY SALES DRAWING

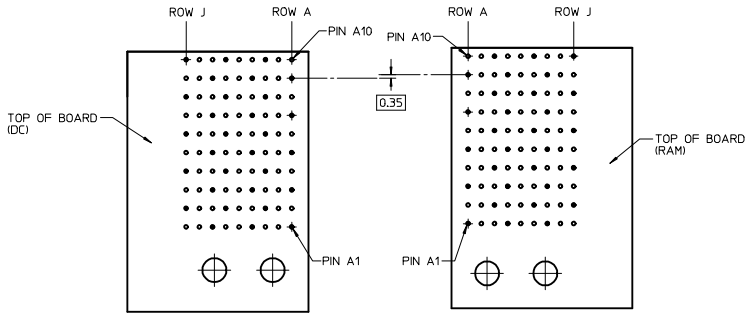
molex

DOCUMENT NO.: SD-170510-0004
SHEET NO.: 1 OF 2

SIZE: D

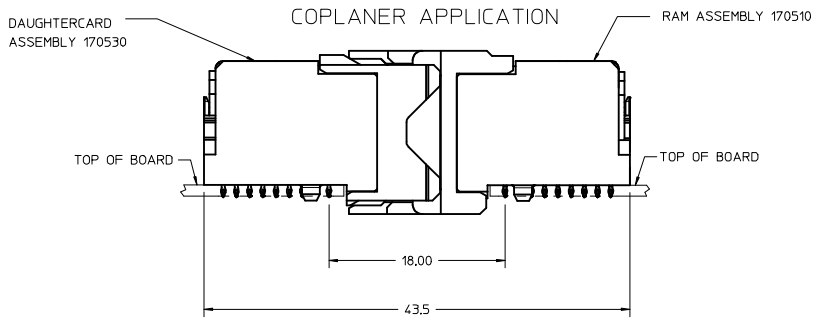
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

A2



COPLANAR MATED SIGNAL PATHS

DC PIN A10----------RAM PIN A10
|
|
DC PIN A1----------RAM PIN A1



PROPOSED EC NO: UCP2017-2489 DRWN:DJVARVARA CHKD: APPR:TELO	2017/05/17 2017/05/22	DESCRIPTION	REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE: MM ONLY	SCALE: 4:1 / DESIGN UNITS: METRIC / THIRD ANGLE PROJECTION
					mm / INCH	DRAWN BY: MKRAUSE DATE: 2013/05/31	TITLE: IMPACT 3P 85 OHM RAM RIGHT GUIDED ASSEMBLY SALES DRAWING
				=0	4 PLACES ± --- / ± ---	CHECKED BY: TELO DATE: 2016/02/22	
				=0	3 PLACES ± --- / ± ---	APPROVED BY: TELO DATE: 2014/03/19	molex
				=0	2 PLACES ± 0.13 / ± ---	MATERIAL NO.: SEE CHART	DOCUMENT NO.: SD-170510-0004 / SHEET NO.: 2 OF 2
				=0	1 PLACE ± 0.25 / ± ---		
					0 PLACE ± --- / ± ---		
					ANGULAR ±1/2°		
A2					DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE: D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION