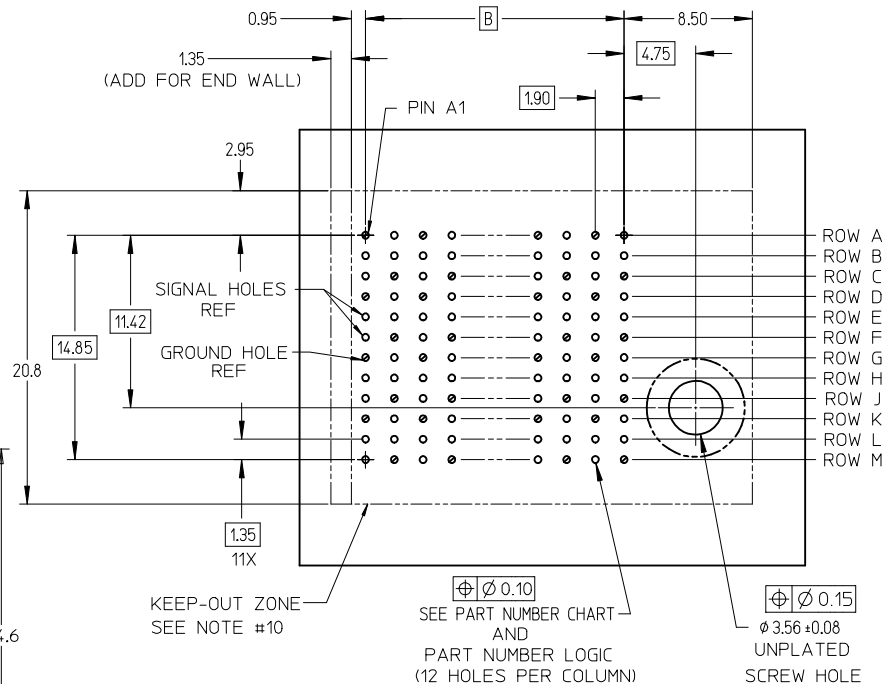
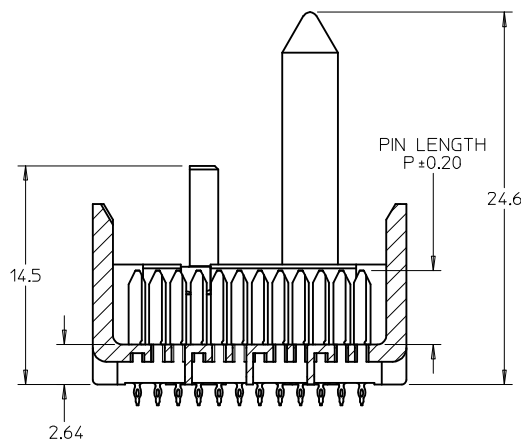
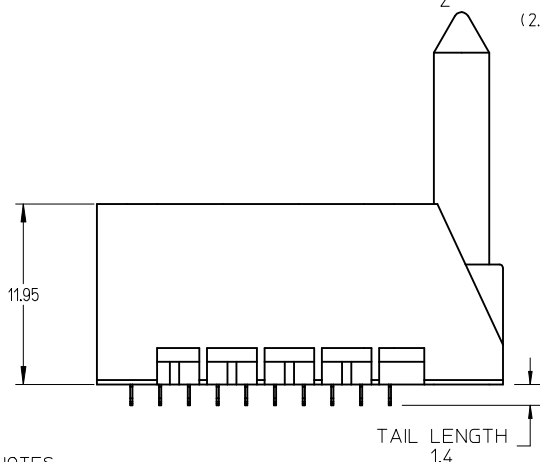
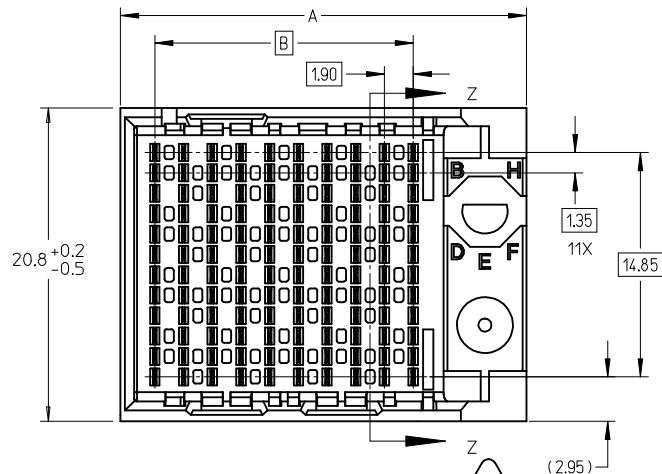
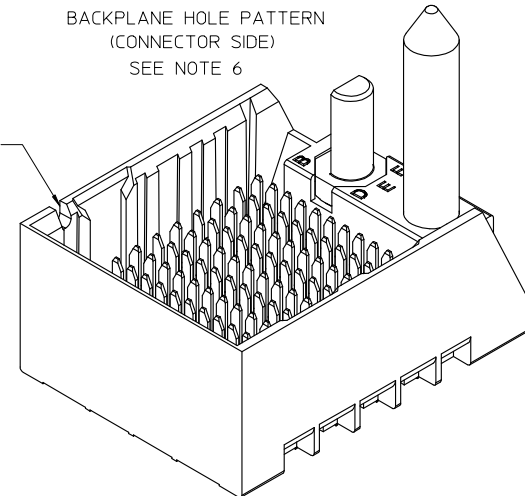




NOTCH DESIGNATES
ROW A

RIGHT GUIDED
BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)
SEE NOTE 6



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30μ INCH MIN GOLD IN CONTACT AREA.
SELECTIVE MATTE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-170540-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
5. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
6. *THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR
ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT
REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT THE PC BOARD FOR CONNECTORS
STACKED TOGETHER, USE A 1.9mm PROGRESSION.*
7. THIS PART CONFORMS TO MOLEX COSMETIC SPEC PS-45499-002 CLASS B.
8. PARTS PACKAGED PER PK-70873-757.
9. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
10. FOR GROUNDED GUIDE PINS USE ϕ . 3.56 $\pm$ 0.08 (PTH), ϕ . 3.66 (DRILL) & ϕ 6.5 (PAD).
11. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
12. MINIMUM CIRCUIT BOARD THICKNESS: 1.0mm

ADD 6-COL PARTS
EC NO: UCP2013-1920
DRWN: BINGHAM 2012/11/13
CHKD: JLAURX 2012/11/13
APPR: JLAURX 2012/11/16

QUALITY
SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± .005	± .0005
3 PLACES	± .005	± .0005
2 PLACES	± .013	± .0005
1 PLACE	± .025	± .001
0 PLACE	± .050	± .002

ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

DRAWN BY	DATE
JBINGHAM	2010/05/18
CHECKED BY	DATE
JLAURX	2010/05/18
APPROVED BY	DATE
JLAURX	2012/11/16

MATERIAL NO.
SEE CHART

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

IMPACT 4-PAIR 85-OHM
RIGHT GUIDED BACKPLANE
SALES ASSEMBLY DRAWING

molex

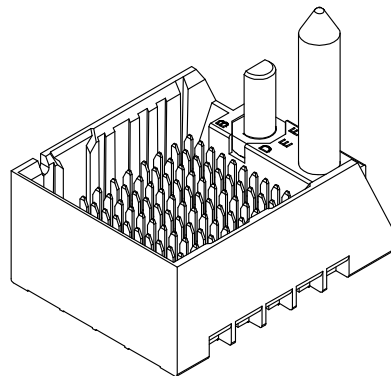
DOCUMENT NO.
SD-170335-0003

SHEET NO.
1 OF 3

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

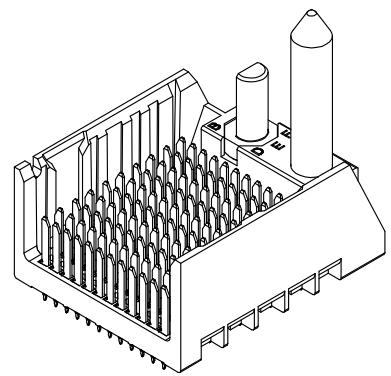
PART NUMBER CHART

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT END WALL OPTION
170335-93**	6	24	19.3	9.50	
170335-98**	8	32	23.1	13.30	
170335-91**	10	40	26.9	17.10	
170335-92**	12	48	30.7	20.90	
170335-94**	14	56	34.5	24.70	
170335-96**	16	64	38.3	28.50	



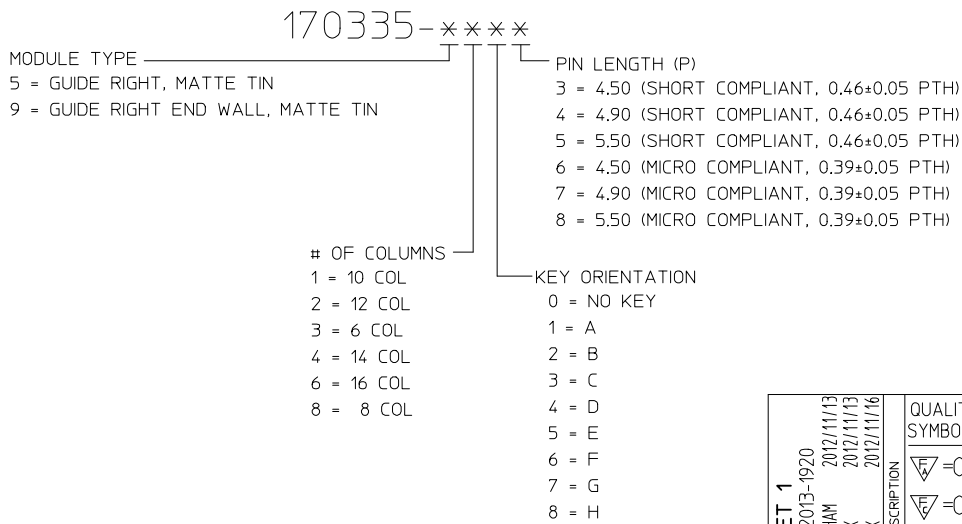
GUIDE RIGHT
END WALL
OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	GUIDE RIGHT OPEN WALL OPTION
170335-53**	6	24	17.9	9.50	
170335-58**	8	32	21.7	13.30	
170335-51**	10	40	25.5	17.10	
170335-52**	12	48	29.3	20.90	
170335-54**	14	56	33.1	24.70	
170335-56**	16	64	36.9	28.50	



GUIDE RIGHT
OPEN WALL
OPTION

PART NUMBER LOGIC



SEE SHEET 1
EC NO: UCP2013-1920
DRWN:JBINGHAM 2012/11/13
CHKD:JLAURX 2012/11/13
APPR:JLAURX 2012/11/16

REV
DESCRIPTION
QUALITY SYMBOLS
▽=0
▽=0
▽=0

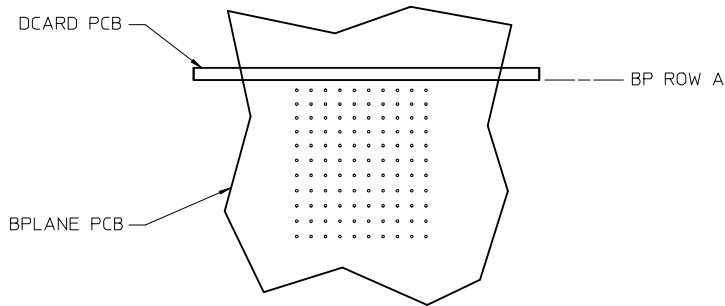
GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.25 ± ---
0 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
JBINGHAM 2010/05/18
CHECKED BY DATE
JLAURX 2010/05/18
APPROVED BY DATE
JLAURX 2012/11/16

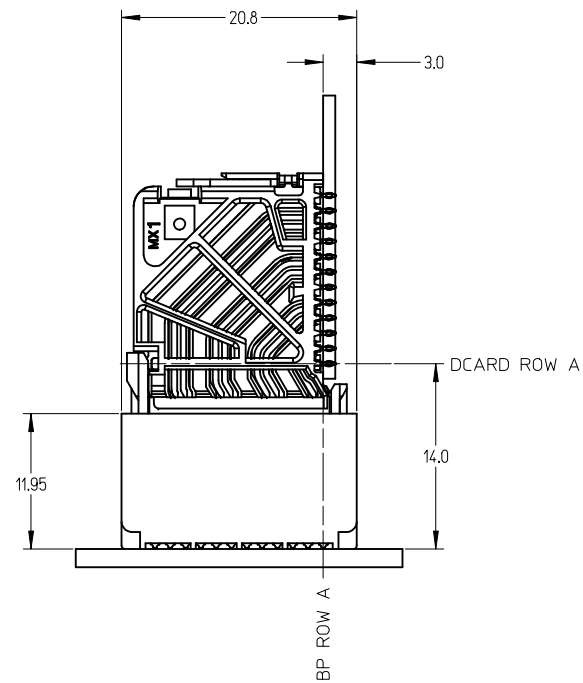
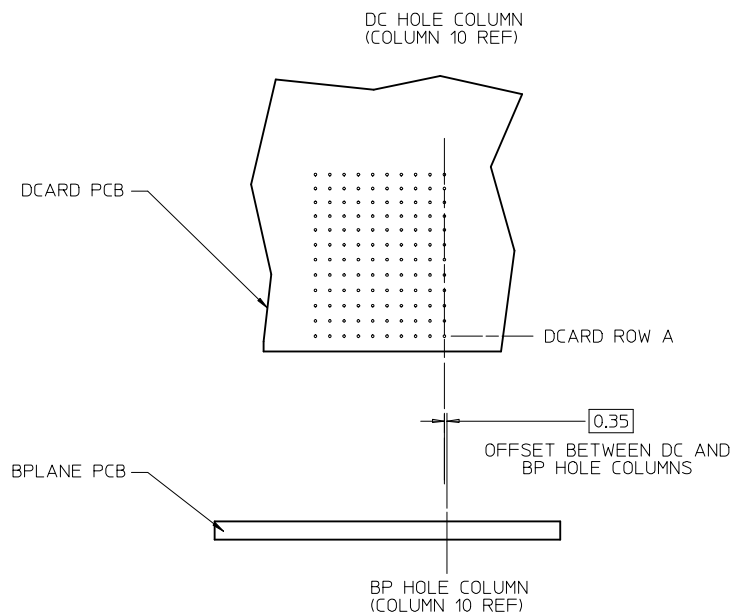
SCALE 1:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION

TITLE
IMPACT 4-PAIR 85-OHM
RIGHT GUIDED BACKPLANE
SALES ASSEMBLY DRAWING
molex

MATERIAL NO.
SD-170335-0003
DOCUMENT NO.
SHEET NO.
2 OF 3



IMPACT 4 PAIR BOARD RELATIONSHIPS



SEE SHEET 1 EC NO: UCP2013-1920 DRWN:JBINGHAM 2012/11/13 CHKD:JLAURX 2012/11/13 APPR:JLAURX 2012/11/16	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE IMPACT 4-PAIR 85-OHM RIGHT GUIDED BACKPLANE SALES ASSEMBLY DRAWING molex	DOCUMENT NO. SD-170335-0003	SHEET NO. 3 OF 3	
						DRAWN BY JBINGHAM		DATE 2010/05/18						
						CHECKED BY JLAURX		DATE 2010/05/18						
						APPROVED BY JLAURX		DATE 2012/11/16						
						MATERIAL NO.								
						SEE CHART								
						SIZE C								