

- NOTES:
1. MATERIALS: HOUSING - LCP (LIQUID CRYSTAL POLYMER), GLASS FILLED, UL94V-0. TERMIALNS - HIGH PERFORMANCE COPPER ALLOY.
 2. FINISH: 30 MICROINCHES MINIMUM GOLD IN CONTACT AREA; SELECTIVE MATTE TIN ON PCB TAILS; NICKEL UNDERPLATE 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-70873-589.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-170535-0001 AND RSD-170532-**** FOR THE MATING HEADERS.
 8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO PRESENCE OF PLUS CLIP.
 10. PART NUMBER 170540-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
 11. MINIMUM BOARD THICKNESS IS 1.00mm FOR COMPLIANT PIN FUNCTIONALITY.
 12. MARKING: LOCATED APPROXIMATELY AS SHOWN, PART NUMBER AND DATE CODE.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										
SYMBOLS		DIMENSION UNITS	SCALE	CURRENT REV DESC: ADD 14 COL OPTIONS			molex			
= 0		mm	3:1	EC NO: 603057			IMPACT 6 PAIR PLUS 85OHM			
= 0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: DMORGAN 2018/04/09			DAUGHTERCARD SIGNAL UNGUIDED SALES			
= 0		ANGULAR TOL ± 0.5°		CHK'D: TELO 2018/08/28			DRAWING			
= 0		4 PLACES ±		APPR: TELO 2018/08/28			PRODUCT CUSTOMER DRAWING			
= 0		2 PLACES ± 0.13		INITIAL REVISION:			DOCUMENT NUMBER			
= 0		1 PLACE ± 0.25		DRWN: KBENES 2012/08/17			SD-170540-0001			
= 0		0 PLACES ±		APPR: TELO 2012/08/23			DOC TYPE DOC PART REVISION			
= 0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
= 0				C-SIZE		170540	SEE TABLE	GENERAL MARKET	1 OF 2	

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIMNEISON A MAXIMUM	DIMENSION B	PTH Ø
1705401008	8	48	15.20	13.30	0.46±0.05
1705401010	10	60	19.00	17.10	
1705401014	14	84	26.60	24.70	
1705401016	16	96	30.40	28.50	
1705401038	8	48	15.20	13.30	0.39±0.05
1705401020	10	60	19.00	17.10	
1705401024	14	84	26.60	24.70	
1705401026	16	96	30.40	28.50	

170540- 1 0 * *

MODULE & TAIL PLATING TYPE
1 = UNGUIDED, LEAD-FREE

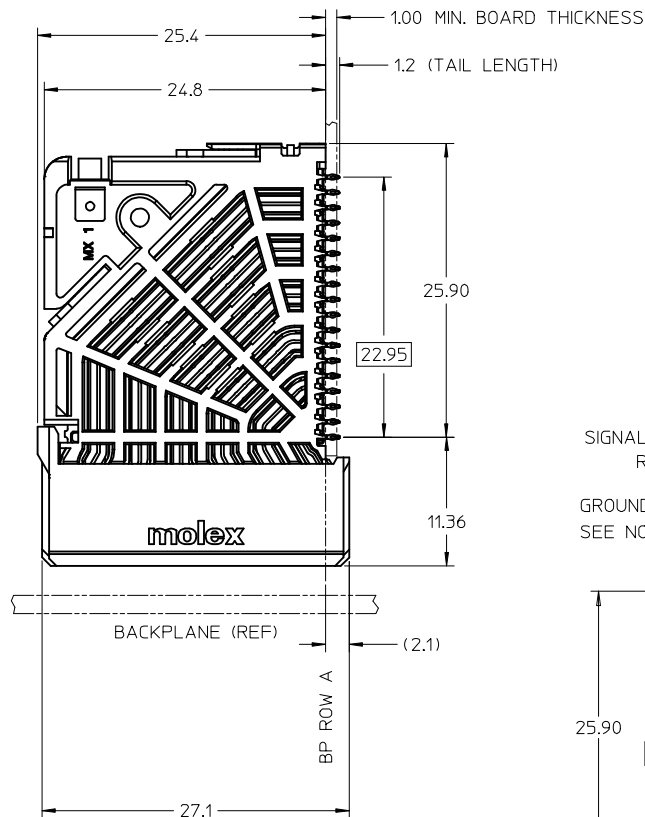
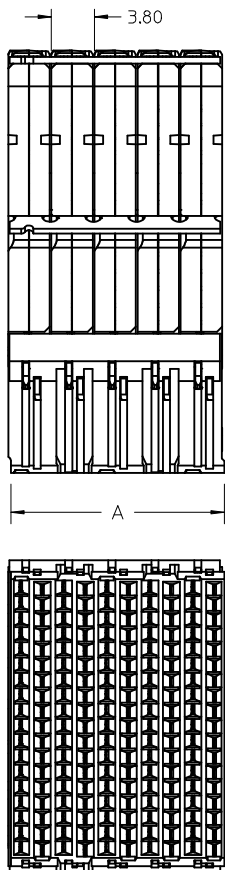
NUMBER OF COLUMNS

08 = 8 COLUMN 0.46 PTH
10 = 10 COLUMN 0.46 PTH
14 = 14 COLUMN 0.46 PTH
16 = 16 COLUMN 0.46 PTH

38 = 8 COLUMN 0.39 PTH
20 = 10 COLUMN 0.39 PTH
24 = 14 COLUMN 0.39 PTH
26 = 16 COLUMN 0.39 PTH

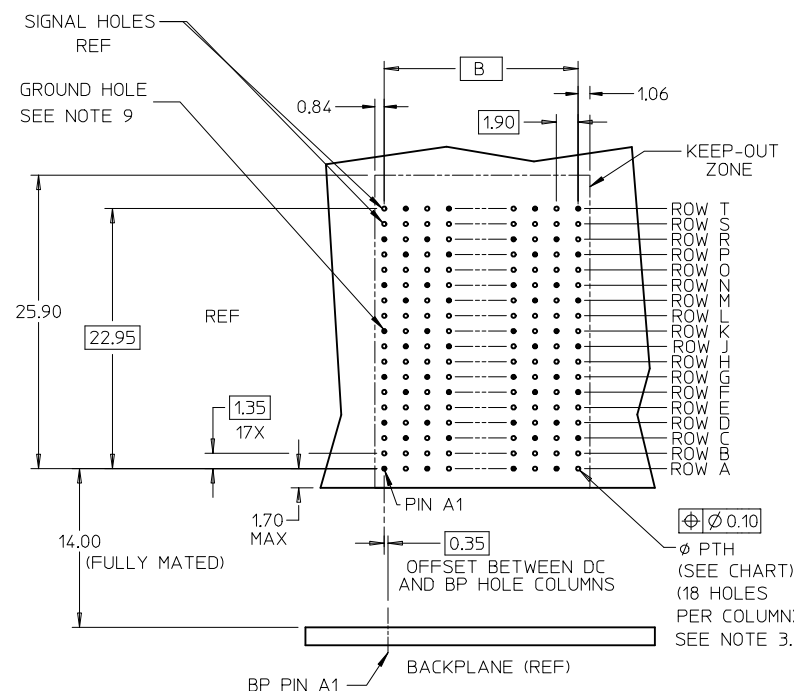
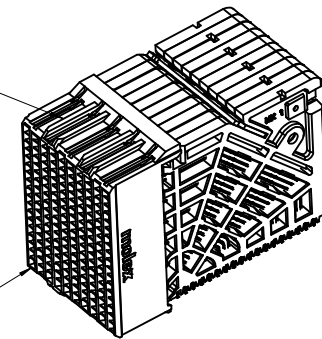
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
<div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div> <div><div>⊠</div><div>= 0</div></div> <div><div>■</div><div>= 0</div></div> <div><div>▽</div><div>= 0</div></div>	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADD 14 COL OPTIONS				<div>molex</div> <div>IMPACT 6 PAIR PLUS 85OHM</div> <div>DAUGHTERCARD SIGNAL UNGUIDED SALES</div> <div>DRAWING</div>					
	mm		1:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 603057 DRWN: DMORGAN 2018/04/09 CHK'D: TELO 2018/08/28 APPR: TELO 2018/08/28				PRODUCT CUSTOMER DRAWING					
	ANGULAR TOL ± 0.5 °													
	4 PLACES		±		INITIAL REVISION: DRWN: KBENES 2012/08/17 APPR: TELO 2012/08/23				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
	3 PLACES		±						SD-170540-0001		PSD	001	D	
	2 PLACES		± 0.13						SHEET NUMBER 2 OF 2					
	1 PLACE		± 0.25											
	0 PLACES		±		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER	
					<div><div>⊕</div><div>⊞</div></div>		C-SIZE	170540	SEE TABLE		GENERAL MARKET			

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/28	17:05:04
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SEE NOTE 10

PIN A1



NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10μN MIN GOLD IN CONTACT AREA, SELECTIVE TIN
ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC 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-70873-589.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170535-0001 AND RSD-170532-XXXX FOR THE
MATING HEADERS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO
PRESENCE OF PLUS CLIP.
10. PART NUMBER 170540-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
11. MINIMUM BOARD THICKNESS IS 1.00MM FOR COMPLIANT PIN FUNCTIONALITY.

DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

INITIAL CREATION MAPS PLATING

EC NO: UCP2015-3240

DRWN:MKRAUSE 2015/02/09

CHKD: TELO 2015/03/02

APPR: TELO

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

SIZE

SEE CHART

MATERIAL NO.

DATE

2015/03/02

APPROVED BY

TELO

CHECKED BY

DATE

2015/02/09

DRAWN BY

MKRAUSE

DATE

2015/02/09

SCALE

3:1

DESIGN UNITS

METRIC

THIRD ANGLE PROJECTION

TITLE

IMPACT 6 PAIR PLUS 850HM

DAUGHTERCARD SIGNAL

UNGUIDED SALES DWG MAPS

DOCUMENT NO.

SD-173120-0001

SHEET NO.

1 OF 2

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ϕ
173120-1008	8	48	15.20	13.30	0.46 ± 0.05
173120-1010	10	60	19.00	17.10	
173120-1016	16	96	30.40	28.50	
173120-1038	8	48	15.20	13.30	0.39 ± 0.05
173120-1020	10	60	19.00	17.10	
173120-1026	16	96	30.40	28.50	

173120-10**

MODULE & TAIL PLATING TYPE
1 = UNGUIDED, LEAD-FREE

OF COLUMNS
08 = 8 COL 0.46 PTH
10 = 10 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
26 = 16 COL 0.39 PTH
38 = 08 COL 0.39 PTH

SEE SHEET 1
EC NO: UCP2015-3240
DRAWN: MKRAUSE 2015/02/09
CHKD: TEL0
APPR: TEL0 2015/03/02

REV

DESCRIPTION

QUALITY SYMBOLS
 $\nabla = 0$
 $\nabla = 0$
 $\nabla = 0$

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

DIMENSION STYLE
MM ONLY
DRAWN BY DATE
MKRAUSE 2015/02/09
CHECKED BY DATE
APPROVED BY DATE
TEL0 2015/03/02
MATERIAL NO.
SEE CHART
SIZE C

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

SCALE
3:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

TITLE
IMPACT 6 PAIR PLUS 850HM DAUGHTERCARD SIGNAL UNGUIDED SALES DWG MAPS
molex

DOCUMENT NO.
SD-173120-0001
SHEET NO.
2 OF 2