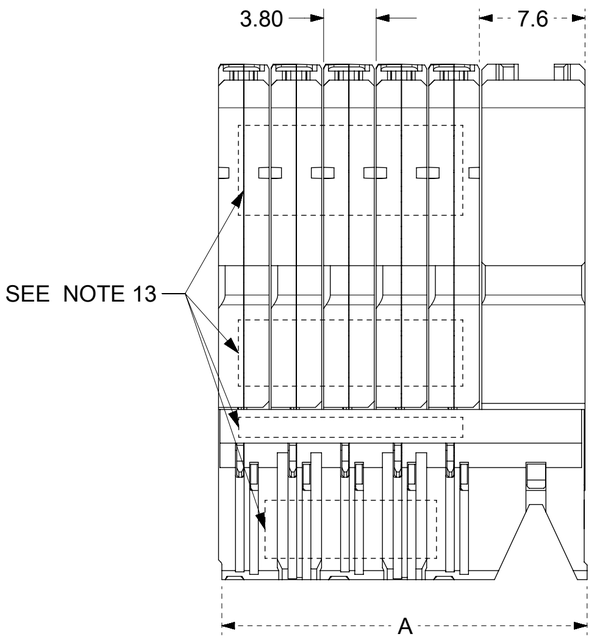
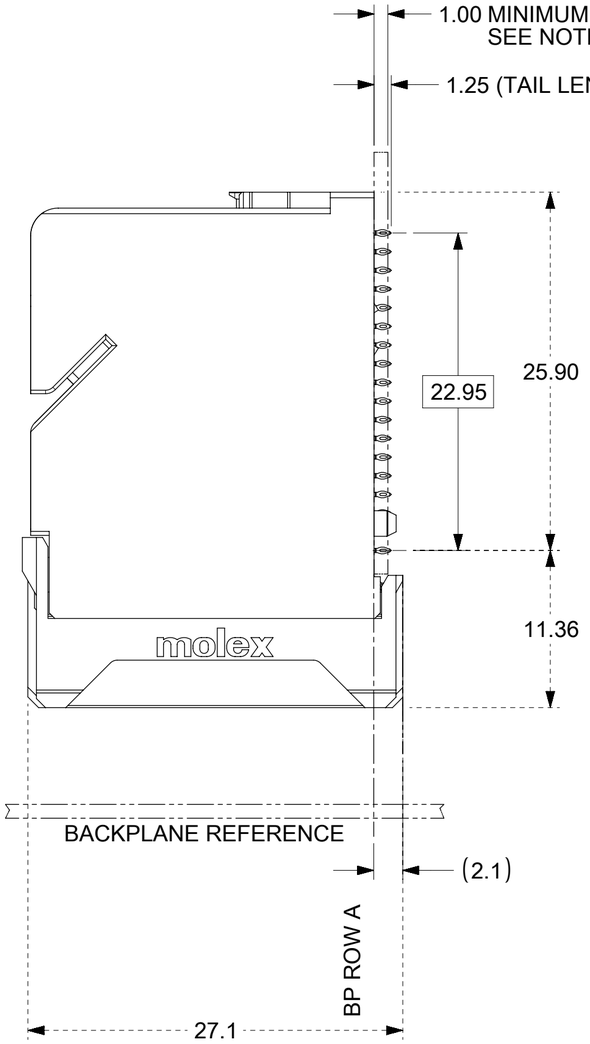
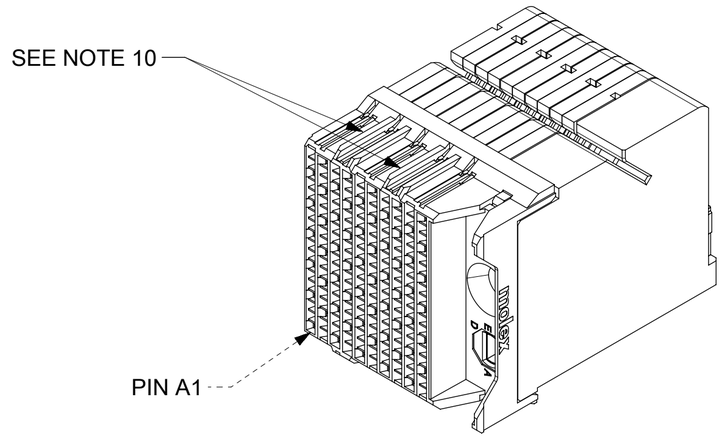
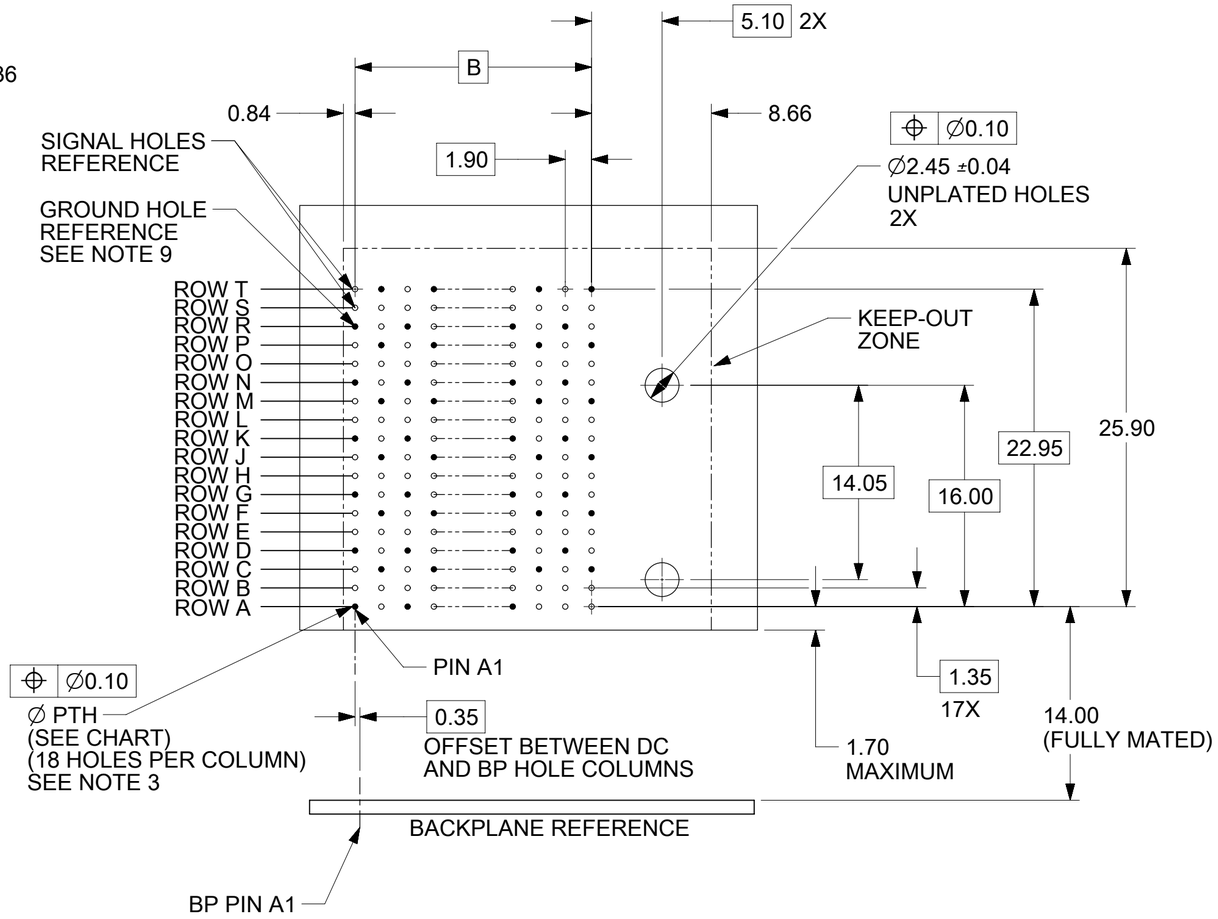








DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

NOTES:
1. MATERIALS: HOUSING - LCP (LIQUID CRYSTAL POLYMER); GLASS FILLED, UL94-V0.
   TERMINALS - 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 SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWINGS SD-170535-0003 AND RSD-170532-XXXX FOR THE MATED HEADER.
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 170540-5720 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
11. MINIMUM BOARD THICKNESS IS 1.00mm FOR COMPLIANT PIN FUNCTIONALITY.
12. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50 NOMINAL THREADABLE SCREW LENGTH). THE MAXIMUM BOARD THICKNESS IS 4.4mm.
13. MARKING: LOCATED APPROXIMATELY AS SHOWN, PART NUMBER AND DATE CODE.

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/28 17:05:05

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS: FA = 0, FC = 0, FP = 0, S = 0, = 0, C = 0, = 0, = 0, = 0

DIMENSION UNITS: mm
SCALE: 3:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD 14 COLUMN

EC NO: 603057
DRWN: DMORGAN 2018/04/06
CHK'D: TELO 2018/08/28
APPR: TELO 2018/08/28

INITIAL REVISION:
DRWN: KBENES 2012/08/20
APPR: TELO 2012/08/23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 170540

molex

IMPACT 6 PAIR PLUS 85OHM
DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170540-0004	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIMENSION A MAXIMUM	DIMENSION B	PTH Ø
170540-5*08	8	48	22.80	13.30	0.46±0.05
170540-5*10	10	60	26.60	17.10	
170540-5*14	14	84	34.20	24.70	
170540-5*16	16	96	38.00	28.50	
170540-5*38	8	48	22.80	13.30	0.39±0.05
170540-5*20	10	60	26.60	17.10	
170540-5*24	14	84	34.20	24.70	
170540-5*26	16	96	38.00	28.50	

170540-5 * * *

MODULE & TAIL PLATING TYPE
5 = RIGHT GUIDE, LEAD-FREE

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

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

DOCUMENT STATUS	P1	RELEASE DATE	2018/08/28 17:05:05								

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

SYMBOLS
EA = 0
EC = 0
EP = 0
S = 0
▼ = 0
C = 0
☒ = 0
■ = 0
▽ = 0

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD 14 COLUMN

EC NO: 603057
DRWN: DMORGAN 2018/04/06
CHK'D: TELO 2018/08/28
APPR: TELO 2018/08/28

INITIAL REVISION:
DRWN: KBENES 2012/08/20
APPR: TELO 2012/08/23

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 170540

molex

IMPACT 6 PAIR PLUS 85OHM
DAUGHTERCARD SIGNAL GUIDE RIGHT SALES DWG

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170540-0004	PSD	001	C

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/18