Top-left views:

3.80

24.16

SEE NOTE 11

A

Center views:

1.00 MIN BOARD THICKNESS
SEE NOTE 9

13.28

12.68

1.2 TAIL LENGTH

MX1

10.80

12.75

11.41

molex

BACKPLANE (REF)

2.08

BP ROW A

14.96

Top-right isometric:

SEE NOTE 9

PIN A1

Daughtercard hole pattern (right side):

B

0.84

1.06

1.90

SIGNAL HOLES REF

GROUND HOLE REF

KEEP-OUT ZONE

ROW J
ROW H
ROW G
ROW F
ROW E
ROW D
ROW C
ROW B
ROW A

12.75

10.80

1.35
8X

PIN A1

⌖ ⌀0.10

⌀ PTH
(SEE CHART)
(9 HOLES
PER COLUMN)
SEE NOTE 3.

1.70
MAX

14.00
(FULLY MATED)

0.35

OFFSET BETWEEN DC AND
BP HOLE COLUMNS

BACKPLANE (REF)

BP PIN A1

DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

Notes:

NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 10µIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN
   ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-76060-999 FOR PERFORMANCE SPECIFICATIONS
   AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-591.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-171292-0001 FOR THE MATING HEADERS AND
   SD-170468-0001 FOR THE MATING RAM CONNECTORS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
   RECOMMENDATIONS.
9. PART NUMBER 76170-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
   WITH COLUMN SIZE.
10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
11. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A" MAX	DIM "B"	PTH ∅
170467-*006	6	18	11.40	9.50	0.46 ±0.05
170467-*008	8	24	15.20	13.30	
170467-*010	10	30	19.00	17.10	
170467-*016	16	48	30.40	28.50	
170467-*036	6	18	11.40	9.50	0.39 ±0.05
170467-*038	8	24	15.20	13.30	
170467-*020	10	30	19.00	17.10	
170467-*026	16	48	30.40	28.50	

170467-*0**

1 = OPEN LEAD-FREE

# OF COLUMNS
06 = 6 COL 0.46 PTH
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
36 = 6 COL 0.39 PTH
38 = 8 COL 0.39 PTH

DIMENSION UNITS	SCALE
mm	NTS

CURRENT REV DESC: MIGRATED TO NX

molex

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

EC NO: 612222
DRWN: AAPPARAOTHAK 2018/11/13
CHK'D: TMARRI 2019/02/19
APPR: BOKOK 2019/02/20

INITIAL REVISION:
DRWN: DVARVARA 2013/06/20
APPR: DVARVARA 2013/06/20

IMPACT 3-PAIR 100-OHM
UNGUIDED DC SIGNAL SALES DRAWING, MAPS

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-170467-0001	PSD	001	A2

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING	SERIES
C-SIZE	170467
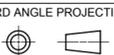
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	2 OF 2

FORMAT: master-fb-prod-C
REVISION: H
DATE: 2016/01/16