

- NOTES:
- MATERIALS:
HOUSING: LIQUID CRYSTAL POLYMER (LCP), UL94V-0, BLACK
TERMINALS: COPPER ALLOY
 - FINISH:
CONTACT AREA: 30μ INCH MINIMUM GOLD OVER NICKEL
COMPLIANT AREA: TIN (LEAD-FREE) OVER NICKEL
 - PRODUCT SPECIFICATION: PS-172374-999
 - PACKAGING SPECIFICATION: PK-172700-9001
 - MATES WITH BP SERIES 76845.
 - APPLICATION SPECIFICATION: AS-76060-9997
 - COSMETIC SPECIFICATION" PS-45499-002.
 - ROUTING GUIDE AS-172374-0001
 - MARKINGS: LOCATED APPROXIMATELY AS SHOWN
PART NUMBER & DATE CODE
 - ALIGNMENT RIBS USED FOR GUIDANCE INTO THE MATING HEADER
AND THE LOCATIONS WILL CHANGE WITH NUMBER OF COLUMNS.
 - WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50MM±0.38
THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4MM.

8 COLUMN CONNECTOR SHOWN
FOR REFERENCE ONLY

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED XRAY SERIES MARKING IN SHEET 1 @ E7 AND UPDATED MISSING DIMENSION IN SHEET 4 @ C3,C8							
mm	NTS								
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795			IMPACT ZX2 4 PAIR ORTHO DAUGHTERCARD RIGHT GUIDE SIGNAL MODULE SALES DRAWING PRODUCT CUSTOMER DRAWING				
ANGULAR TOL ± 0.5°		DRWN: YOGEEB 2021/05/26							
4 PLACES ±		CHK'D: SHONG 2021/06/28			DOCUMENT NUMBER: SD-172700-0003				
3 PLACES ±		APPR: SHONG 2021/06/28							
2 PLACES ± 0.13		INITIAL REVISION:			DOC TYPE: PSD				
1 PLACE ± 0.25		DRWN: JLONG 2016/09/15							
0 PLACES ±		APPR: TELO 2017/01/20			DOC PART: 000				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION							
		DRAWING: B-SIZE		SERIES: 172700		CUSTOMER: GENERAL MARKET		REVISION: B3	
		MATERIAL NUMBER: SEE TABLE		SHEET NUMBER: 1 OF 4					

PART NUMBER	# OF COLUMNS	# OF DIFF PAIRS	DIM A MAX	DIM B	PTH ϕ
172700-5038	8	32	24.30	14.18	0.36±0.05

PART NUMBER LOGIC

172700- * 0 * *

MODULE TYPE:
5 = GUIDED RIGHT

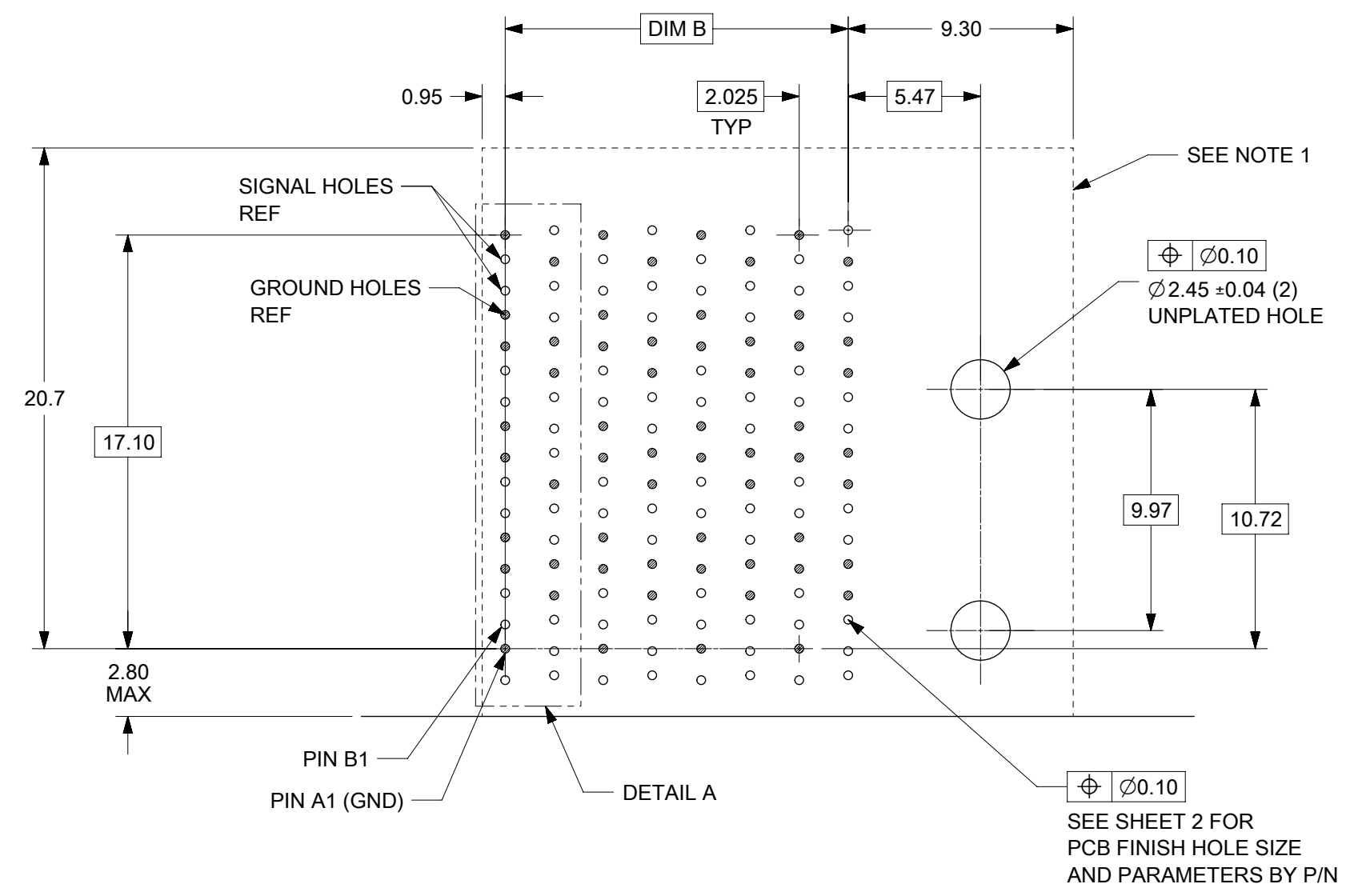
OF COLUMNS:
38 = 8 COLUMN, 0.36 PTH

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DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC: ADDED XRAY SERIES MARKING IN SHEET 1 @ E7 AND UPDATED MISSING DIMENSION IN SHEET 4 @ C3,C8	molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795 DRWN: YOGEEB CHK'D: SHONG APPR: SHONG			
ANGULAR TOL \pm 0.5°		2021/05/26 2021/06/28 2021/06/28	PRODUCT CUSTOMER DRAWING		
4 PLACES \pm			DOCUMENT NUMBER		
3 PLACES \pm			SD-172700-0003		
2 PLACES \pm 0.13			DOC TYPE	DOC PART	REVISION
1 PLACE \pm 0.25			PSD	000	B3
0 PLACES \pm			SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION 	DRAWING B-SIZE	SERIES 172700	MATERIAL NUMBER SEE TABLE	CUSTOMER GENERAL MARKET
					2 OF 4

	2.02 REF	PINNING VIA SEE NOTE 3	
GND	17.10		17.30 VIA
M1	16.10		16.00 GND
L1	14.80		15.00 L2
GND	13.80		13.70 K2
GND	12.50		12.70 GND
J1	11.50		11.40 GND
H1	10.20		10.40 H2
GND	9.20		9.10 G2
GND	7.90		8.10 GND
F1	6.90		6.80 GND
E1	5.60		5.80 E2
GND	4.60		4.50 D2
GND	3.30		3.50 GND
C1	2.30		2.20 GND
B1	1.00		1.20 B2
A1 (GND)	0.00		0.10 A2
VIA	1.30		1.10 VIA
		SEE NOTE 3	

DETAIL A
SCALE 5:1

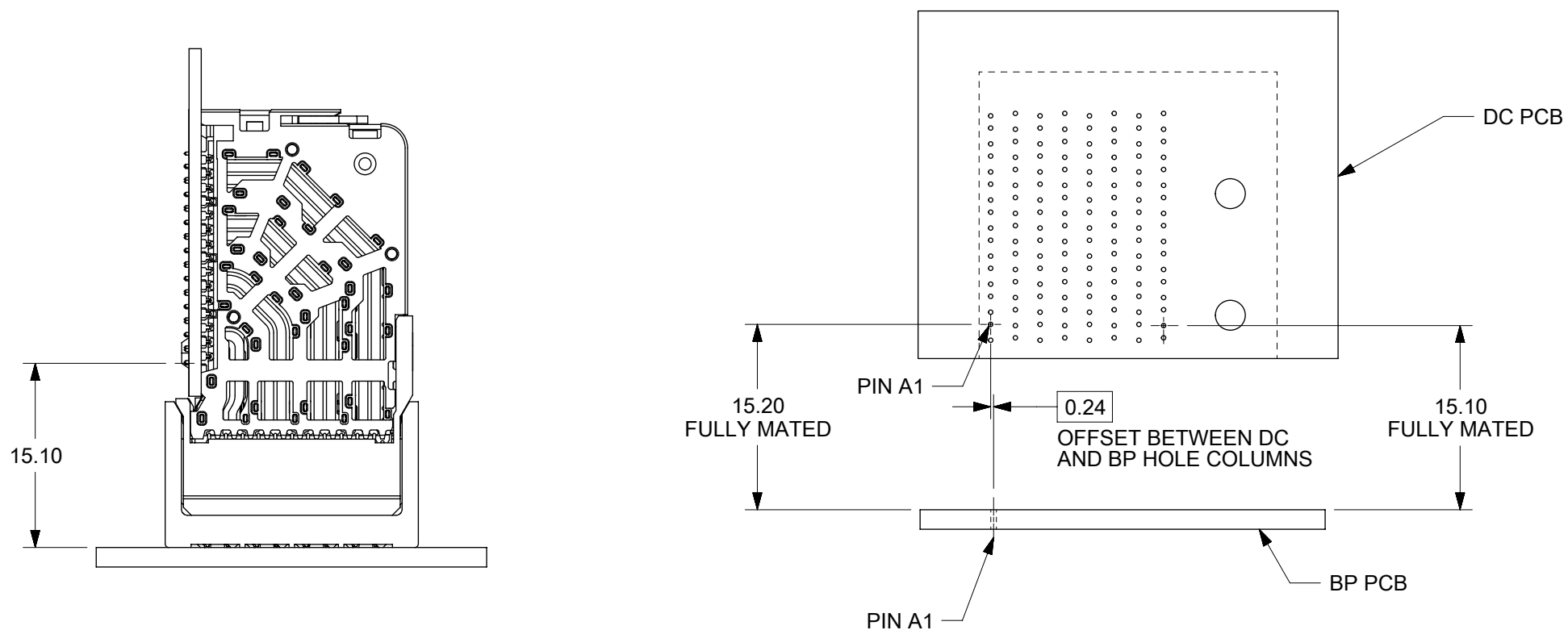


DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

- NOTES:
1. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND REPAIR ON THE PCB. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR.
 2. MINIMUM PCB THICKNESS: 1.0 MM
 3. PINNING VIAS ONLY - NOT FOR CONNECTOR TAILS.

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mm	NTS							IMPACT ZX2 4 PAIR ORTHO DAUGHTERCARD RIGHT GUIDE SIGNAL MODULE SALES DRAWING			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795						PRODUCT CUSTOMER DRAWING			
ANGULAR TOL ± 0.5°		DRWN: YOGEEB 2021/05/26						DOCUMENT NUMBER			
4 PLACES ±		CHK'D: SHONG 2021/06/28						SD-172700-0003			
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2 PLACES ± 0.13		INITIAL REVISION:						PSD 000 B3			
1 PLACE ± 0.25		DRWN: JLONG 2016/09/15						MATERIAL NUMBER			
0 PLACES ±		APPR: TELO 2017/01/20						CUSTOMER			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		SHEET NUMBER		3 OF 4	
		B-SIZE		172700		SEE TABLE		GENERAL MARKET			

IMPACT ZX2 4 PAIR BOARD RELATIONSHIP (DATAPLANE BP 76845 SHOWN)



NOTES:
1. SEE DESIGN GUIDE FOR ADDITIONAL MATING COMBINATIONS.

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mm	NTS							IMPACT ZX2 4 PAIR ORTHO DAUGHTERCARD RIGHT GUIDE SIGNAL MODULE SALES DRAWING					
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795 DRWN: YOGEEB CHK'D: SHONG APPR: SHONG						PRODUCT CUSTOMER DRAWING					
ANGULAR TOL ± 0.5°		INITIAL REVISION: DRWN: JLONG APPR: TELO						DOCUMENT NUMBER		DOC TYPE		DOC PART	
4 PLACES ±		2021/05/26						SD-172700-0003		PSD		000 B3	
3 PLACES ±		2021/06/28						MATERIAL NUMBER		CUSTOMER		REVISION	
2 PLACES ± 0.13		2021/06/28						SEE TABLE		GENERAL MARKET		4 OF 4	
1 PLACE ± 0.25		2016/09/15						SERIES		DRAWING		SHEET NUMBER	
0 PLACES ±		2017/01/20						B-SIZE		172700		4 OF 4	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
				B-SIZE		172700		SEE TABLE		GENERAL MARKET		4 OF 4	