

10 COLUMN CONNECTOR SHOWN FOR REFERENCE ONLY

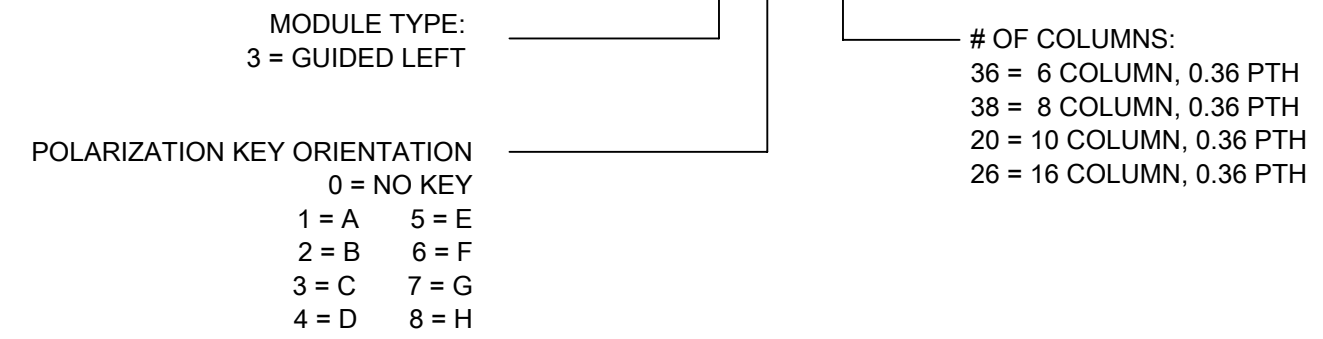
- NOTES:
- MATERIALS:
HOUSING: LIQUID CRYSTAL POLYMER (LCP), UL94V-0, BLACK
TERMINALS: COPPER ALLOY
 - FINISH:
CONTACT AREA: 30μ INCH MINIMUM GOLD OVER NICKEL
COMPLIANT AREA: TIN (LEAD-FREE) OVER NICKEL
 - PRODUCT SPECIFICATION: PS-172374-999
 - PACKAGING SPECIFICATION: PK-172700-9001
 - MATES WITH STANDARD BP 76155.
 - 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.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS mm		SCALE NTS		CURRENT REV DESC: ADDED XRAY SERIES MARKING IN SHEET 1 @ D7				molex		IMPACT ZX2 4 PAIR STANDARD DAUGHTERCARD GUIDE LEFT ASSEMBLY SALES DRAWING	
GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 0.5°		EC NO: 667795							
4 PLACES ±		3 PLACES ±		2 PLACES ± 0.13		1 PLACE ± 0.25		0 PLACES ±		INITIAL REVISION:	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING B-SIZE		SERIES 172699		MATERIAL NUMBER SEE TABLE		CUSTOMER GENERAL MARKET	
DOCUMENT STATUS P1		RELEASE DATE 2021/06/28 21:47:48		DRWN: YOGEEB 2021/05/26		CHK'D: SHONG 2021/06/28		APPR: SHONG 2021/06/28		DOCUMENT NUMBER SD-172699-0002	
				DRWN: JLONG 2015/06/24		APPR: TELO 2017/01/24		DOC TYPE PSD		DOC PART 000	
								REVISION B1		SHEET NUMBER 1 OF 4	

PART NUMBER	# OF COLUMNS	# OF DIFF PAIRS	DIM A MAX	DIM B	PTH ϕ
172699-3036	6	24	19.00	9.50	0.36 \pm 0.05
172699-3038	8	32	22.80	13.30	0.36 \pm 0.05
172699-3020	10	40	26.60	17.10	0.36 \pm 0.05
172699-3026	16	64	38.00	28.50	0.36 \pm 0.05

PART NUMBER LOGIC

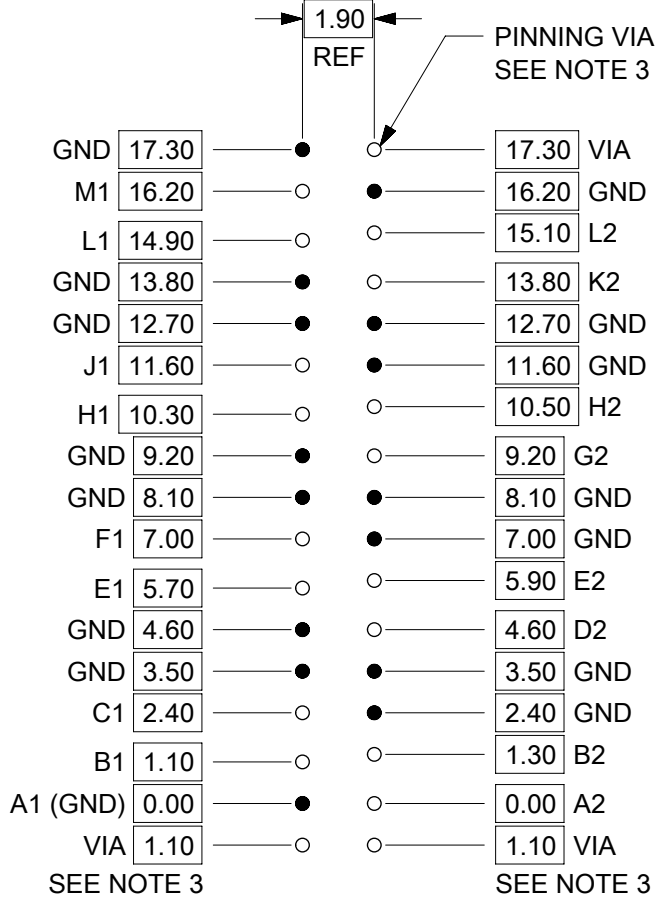
172699- * * * *



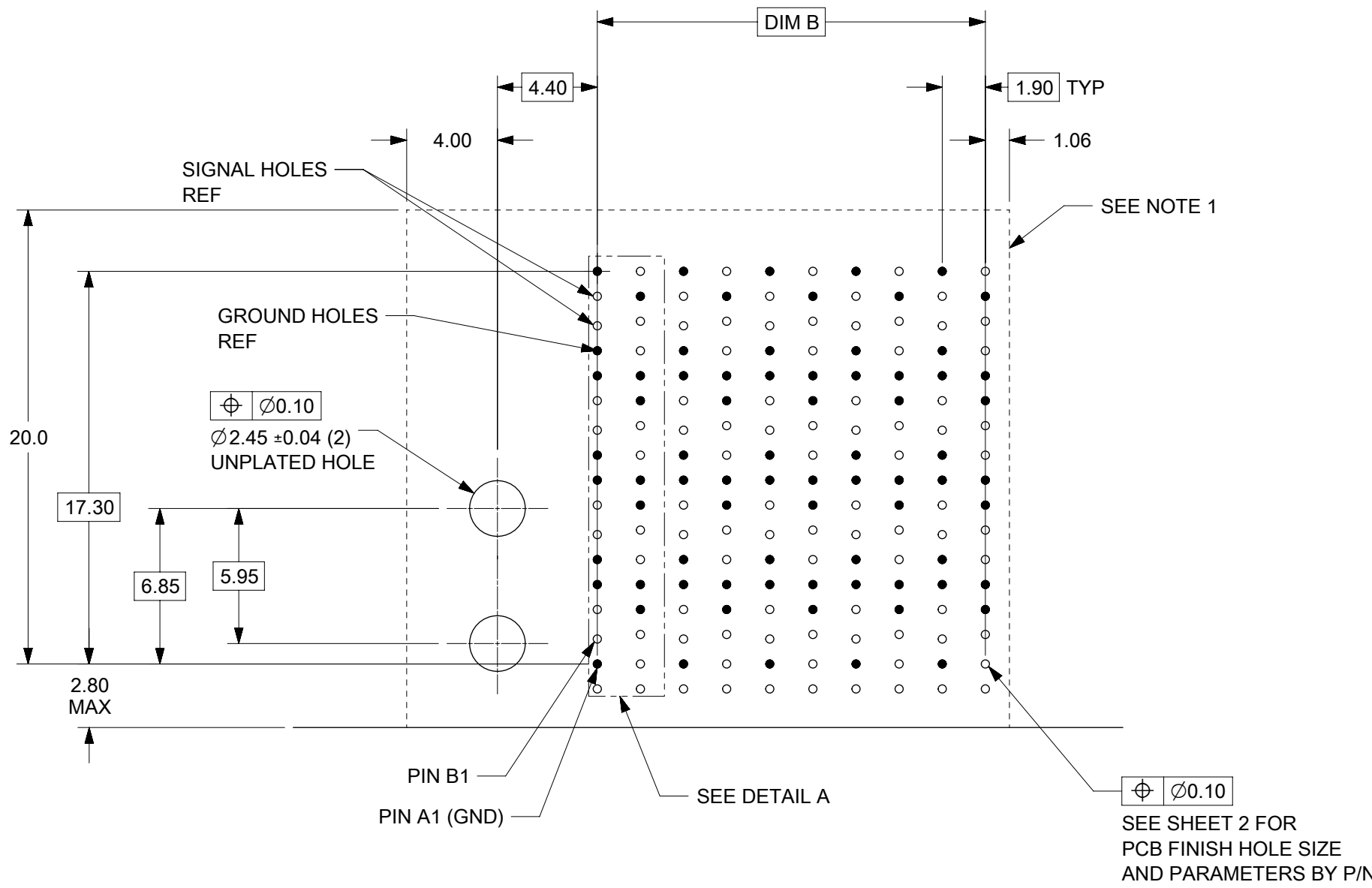
NOTE:
1. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.

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DIMENSION UNITS mm	SCALE NTS	CURRENT REV DESC: ADDED XRAY SERIES MARKING IN SHEET 1 @ D7	molex		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795			
ANGULAR TOL \pm 0.5°		DRWN: YOGEEB 2021/05/26	PRODUCT CUSTOMER DRAWING		
4 PLACES \pm		CHK'D: SHONG 2021/06/28	DOCUMENT NUMBER		
3 PLACES \pm		APPR: SHONG 2021/06/28	SD-172699-0002		
2 PLACES \pm 0.13		INITIAL REVISION:	DOC TYPE	DOC PART	REVISION
1 PLACE \pm 0.25		DRWN: JLONG 2015/06/24	PSD	000	B1
0 PLACES \pm		APPR: TELO 2017/01/24	SHEET NUMBER		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER
		B-SIZE	172699	SEE TABLE	GENERAL MARKET
					2 OF 4



DETAIL A
SCALE 5:1



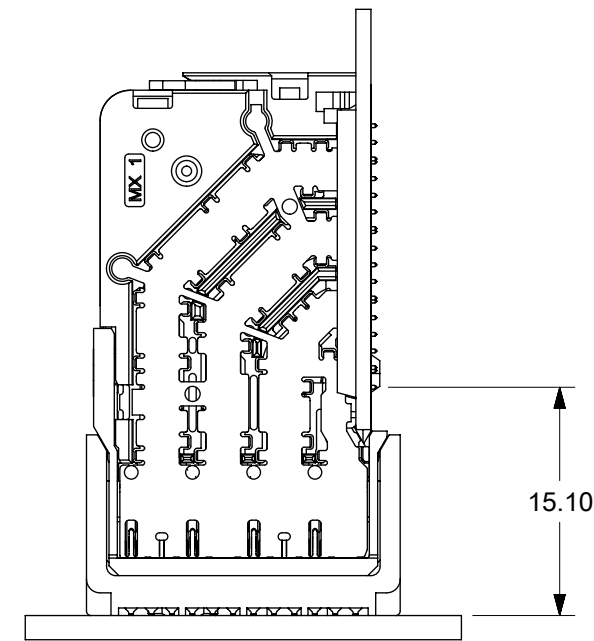
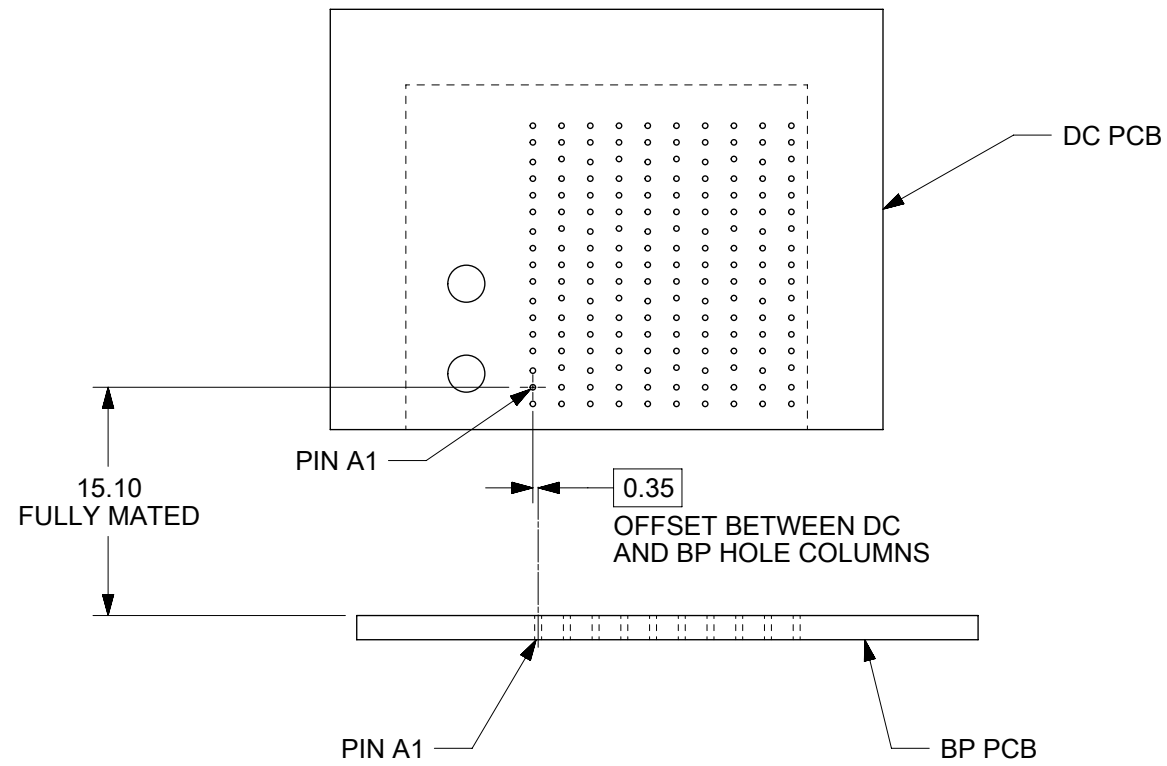
DAUGHTERCARD HOLE PATTERN
(CONNECTOR SIDE)

- 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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DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED XRAY SERIES MARKING IN SHEET 1 @ D7	
mm	NTS		
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795	
ANGULAR TOL	± 0.5°	DRWN: YOGEEB	2021/05/26
4 PLACES	±	CHK'D: SHONG	2021/06/28
3 PLACES	±	APPR: SHONG	2021/06/28
2 PLACES	± 0.13	INITIAL REVISION:	
1 PLACE	± 0.25	DRWN: JLONG	2015/06/24
0 PLACES	±	APPR: TELO	2017/01/24
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES
		B-SIZE	172699
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-172699-0002	PSD	000	B1
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
SEE TABLE	GENERAL MARKET	3 OF 4	

IMPACT ZX2 4 PAIR BOARD RELATIONSHIP (DATAPLANE BP 76155 SHOWN)



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

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GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 667795			IMPACT ZX2 4 PAIR STANDARD DAUGHTERCARD GUIDE LEFT ASSEMBLY SALES DRAWING					
ANGULAR TOL	± 0.5°	DRWN: YOGEEB 2021/05/26			PRODUCT CUSTOMER DRAWING					
4 PLACES	±	CHK'D: SHONG 2021/06/28			DOCUMENT NUMBER					
3 PLACES	±	APPR: SHONG 2021/06/28			SD-172699-0002			DOC TYPE	DOC PART	REVISION
2 PLACES	± 0.13	INITIAL REVISION:			PSD 000 B1					
1 PLACE	± 0.25	DRWN: JLONG 2015/06/24			MATERIAL NUMBER					
0 PLACES	±	APPR: TELO 2017/01/24			CUSTOMER					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	SEE TABLE		GENERAL MARKET		SHEET NUMBER	
			B-SIZE	172699					4 OF 4	