

ROW A
ROW B
ROW C
ROW D
ROW E
ROW F
ROW G
ROW H
ROW J
ROW K
ROW L
ROW M

Ø 0.15
Ø 3.56 ±0.08
UNPLATED
SCREW HOLE
SEE NOTE #7

Ø 0.10
SEE PART NUMBER CHART
AND
PART NUMBER LOGIC
(12 HOLES PER COLUMN)

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µ MIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
MOLEX COSMETIC SPEC PS-45499-002.
 5. PACKAGE PER: PK-70873-757.
 6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
 7. FOR GROUNDED GUIDE PINS USE DIA. 3.56 +/-0.08 (PTH)
DIA. 3.66 (DRILL) AND DIA 6.5 (PAD).
 8. MATES WITH IMPACT DC SERIES NO. 76160.
 9. KEEP OUT ZONE FOR BP HOUSING LENGTH INCLUDES AN ADDITIONAL 1.0MM
TO ACCOMMODATE FOR SPACE REQUIRED BY DC FRONT HOUSING.
 10. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 11. CONNECTORS SUPPLIED WITH A 2-56 UNC-2A SCREW.
 12. "THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR INSERTION AND
REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND
DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD
FOR CONNECTORS STACKED TOGETHER, USE A 1.9mm PROGRESSION."

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
▽ = 0	▽ = 0	MIGRATED TO NX EC NO: 123322 DRWN: NMUNIVENKATA CHKD: PRAMASWAMY REV APPR: PRAMASWAMY	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS
▽ = 0	▽ = 0		ANGULAR TOL ± 0.5 °		SCALE
▽ = 0	▽ = 0		4 PLACES ±	3 PLACES ±	mm
▽ = 0	▽ = 0		2 PLACES ± 0.13	1 PLACE ± 0.25	5:1
▽ = 0	▽ = 0	0 PLACES ±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRWN BY	DATE
▽ = 0	▽ = 0			TIBARRA	2012/11/26
▽ = 0	▽ = 0			CHKD BY	DATE
▽ = 0	▽ = 0			JBINGHAM	2012/12/18
▽ = 0	▽ = 0			APPR BY	DATE
▽ = 0	▽ = 0			SMILLER	2012/12/31
▽ = 0	▽ = 0			DRAWING SIZE	THIRD ANGLE PROJECTION
▽ = 0	▽ = 0			D	
RELEASE STATUS		P1	RELEASE DATE	18.10.2017	06:14:37

molex

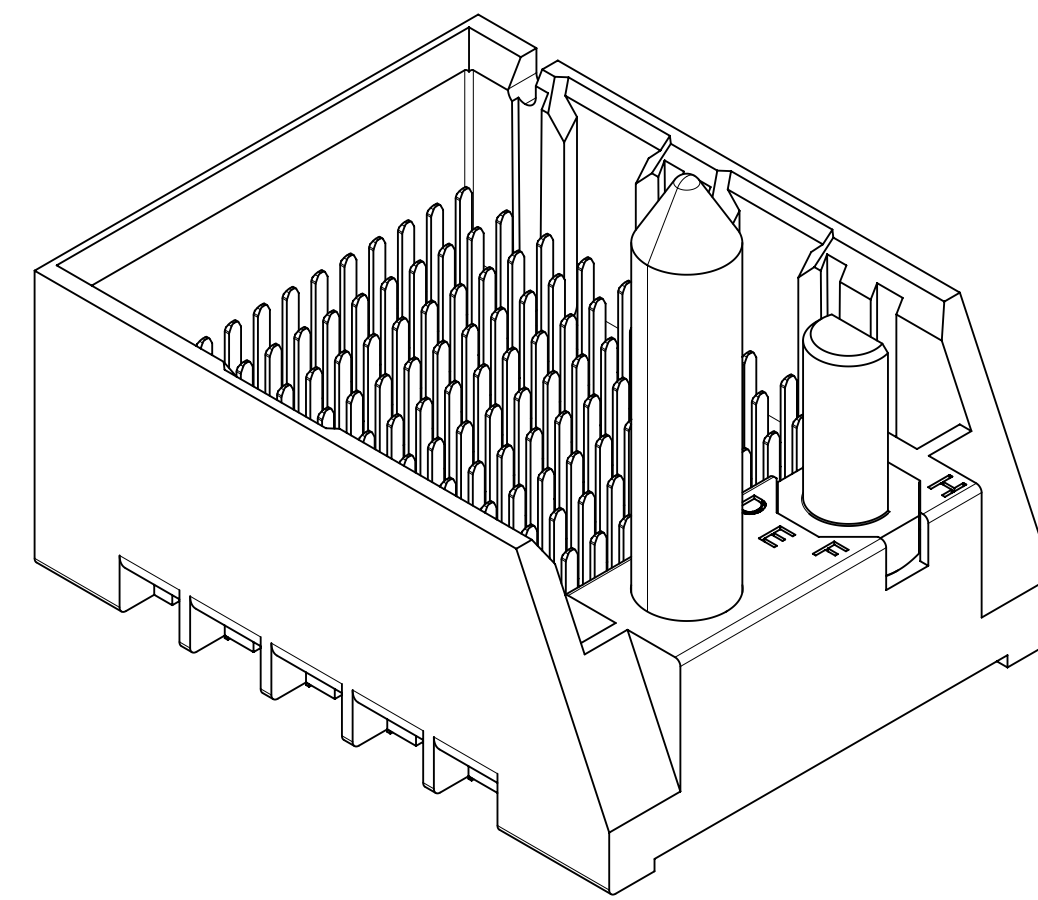
IMPACT 4 PAIR HEADER
RIGHT GUIDED ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
76155	SEE TABLE	GENERAL MARKET
DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER
SD-76155-003	PSD	001 1 OF 3

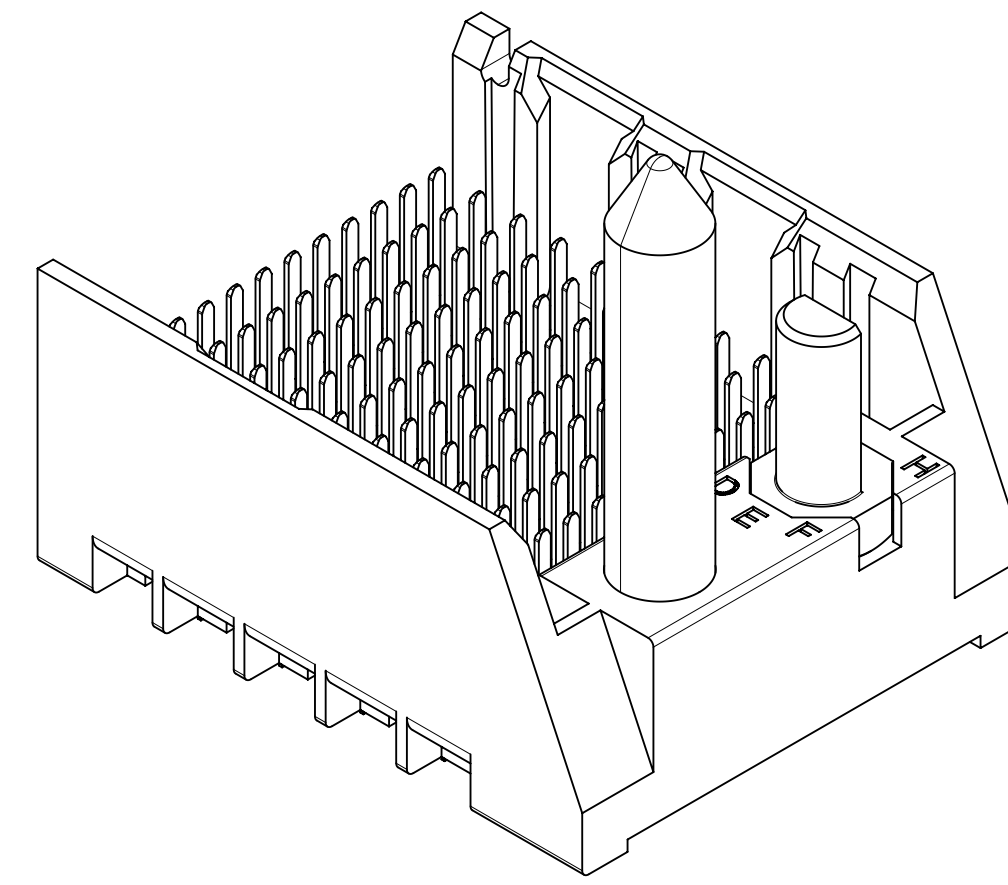
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*3**	6	24	19.3	9.50	GUIDE RIGHT END WALL OPTION
76155-*8**	8	32	23.1	13.30	
76155-*1**	10	40	26.9	17.10	
76155-*6**	16	64	38.3	28.50	



GUIDE RIGHT
END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*3**	6	24	17.9	9.50	GUIDE RIGHT OPEN WALL OPTION
76155-*8**	8	32	21.7	13.30	
76155-*1**	10	40	25.5	17.10	
76155-*6**	16	64	36.9	28.50	



GUIDE RIGHT
OPEN WALL OPTION

PART NUMBER LOGIC

76155-****

MODULE TYPE

- 5 = GUIDE RIGHT, TIN
- 9 = GUIDE RIGHT END WALL, TIN

MODULE TYPE

- 1 = 10 COL
- 3 = 6 COL
- 6 = 16 COL
- 8 = 8 COL

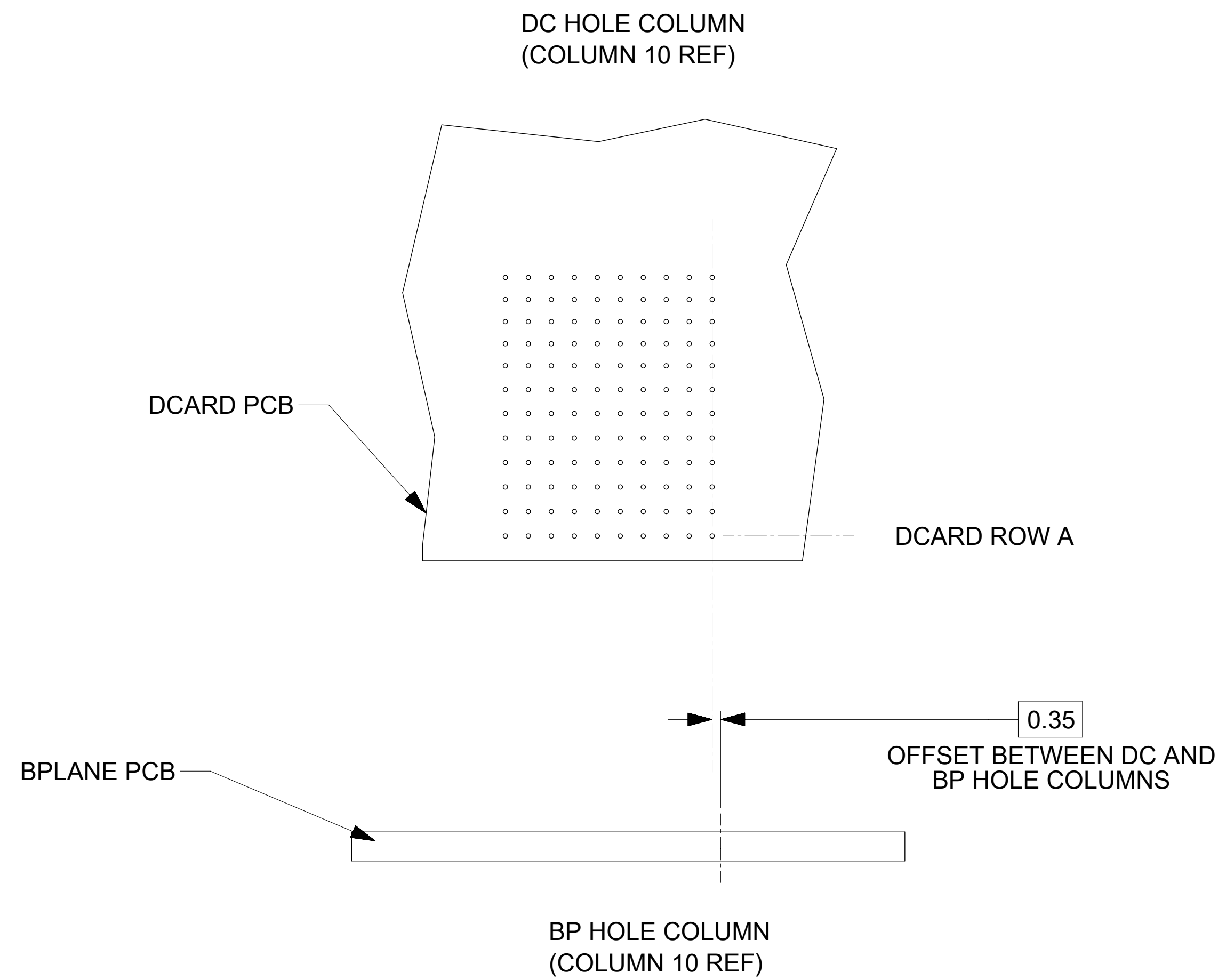
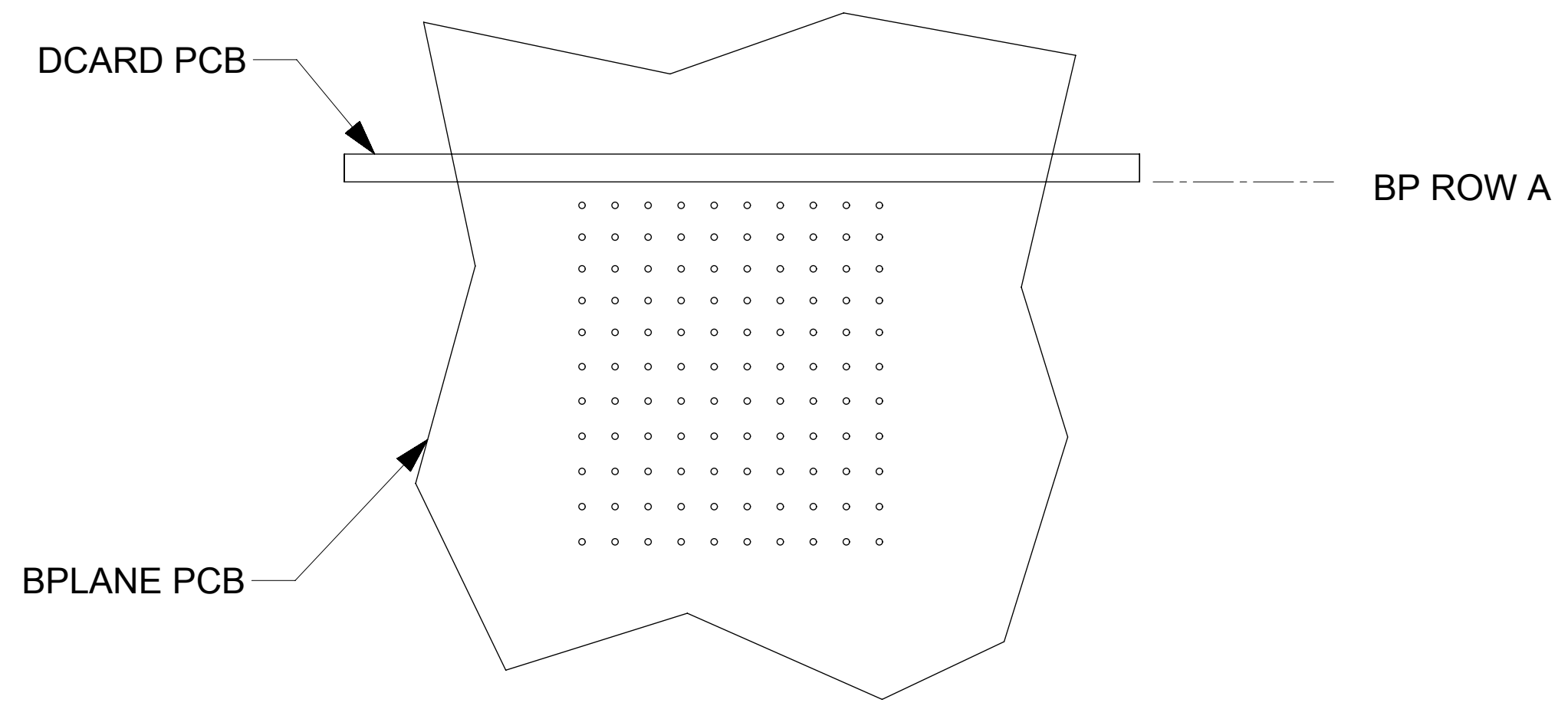
PIN LENGTH (P)

- 3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
- 6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
- 8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

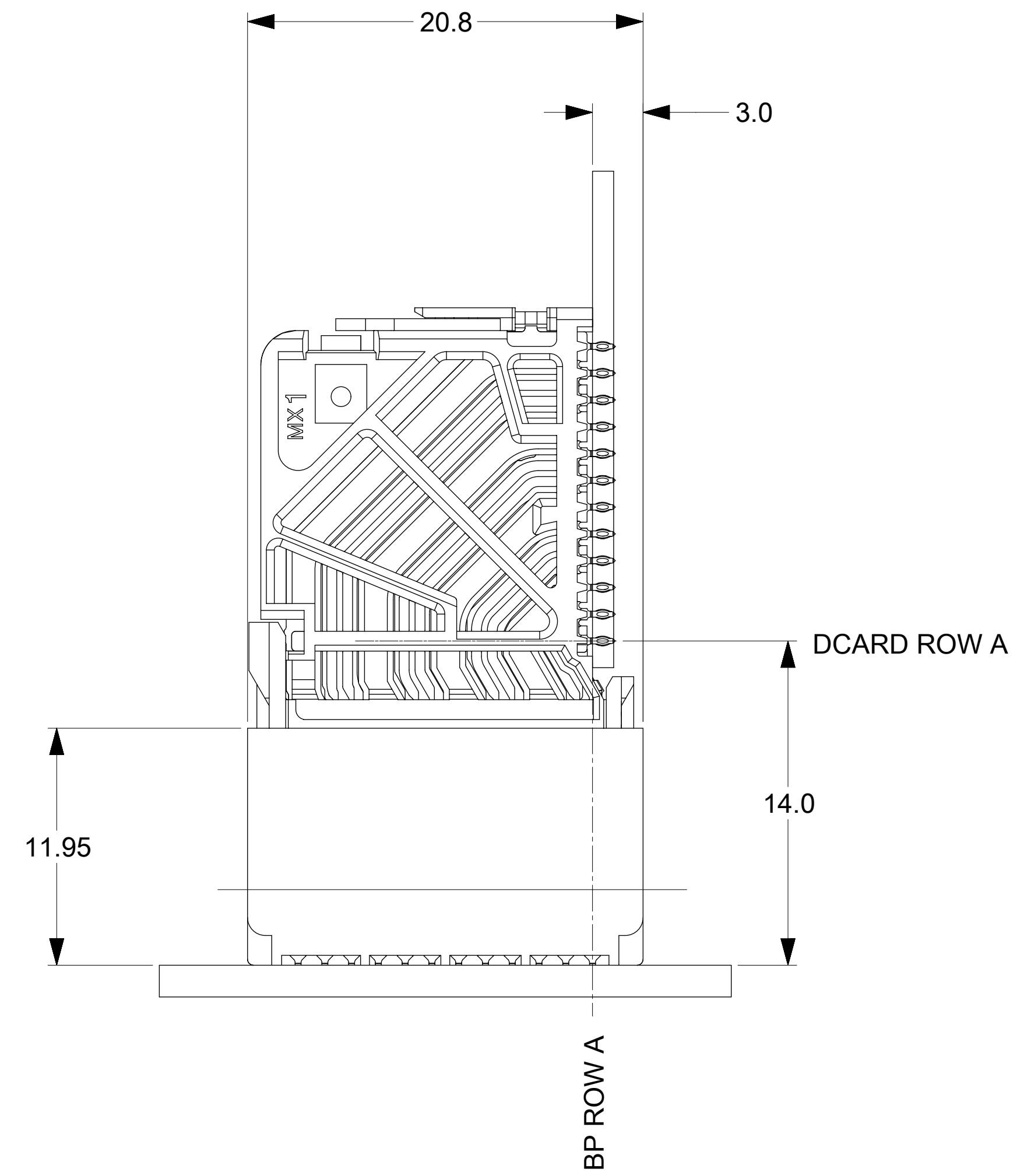
KEY ORIENTATION

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

QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
	EC NO: 123322	DRWN: NMUNIVENKATA	CHKD: PRAMASWAMY	REV: APPR: PRAMASWAMY	2017/09/25	2017/10/16	2017/10/18	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE		
	MIGRATED TO NX							ANGULAR TOL ± 0.5 °	mm	4:1		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							4 PLACES ±	TIBARRA	2012/11/26		
								3 PLACES ±	CHKD BY	DATE	IMPACT 4 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING	
								2 PLACES ± 0.13	JBINGHAM	2012/12/18		
								1 PLACE ± 0.25	APPR BY	DATE	PRODUCT CUSTOMER DRAWING	
								0 PLACES ±	SMILLER	2012/12/31		
								DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES	MATERIAL NUMBER	CUSTOMER
								D		76155	SEE TABLE	GENERAL MARKET
									DOCUMENT NUMBER	DOC TYPE	DOC PART SHEET NUMBER	
									SD-76155-003	PSD	001 2 OF 3	



IMPACT 4 PAIR
BOARD RELATIONSHIPS



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QUALITY SYMBOLS 	EC NO: 123322 DRWN: NMUNIVENKATA CHKD: PRAMASWAMY REV APPR: PRAMASWAMY		2017/09/25 2017/10/16 2017/10/18		GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: mm SCALE: 1:1 DRWN BY: TIBARRA DATE: 2012/11/26 CHKD BY: JBINGHAM DATE: 2012/12/18 APPR BY: SMILLER DATE: 2012/12/31		molex IMPACT 4 PAIR HEADER RIGHT GUIDED ASSEMBLY SALES DRAWING PRODUCT CUSTOMER DRAWING		SERIES: 76155 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET	
	MIGRATED TO NX		4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ±		ANGULAR TOL ± 0.5 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAUGHTING SIZE: D THIRD ANGLE PROJECTION	
	RELEASE STATUS: P1 RELEASE DATE: 18.10.2017 06:14:37						DOCUMENT NUMBER: SD-76155-003 DOC TYPE: PSD DOC PART: 001 SHEET NUMBER: 3 OF 3			