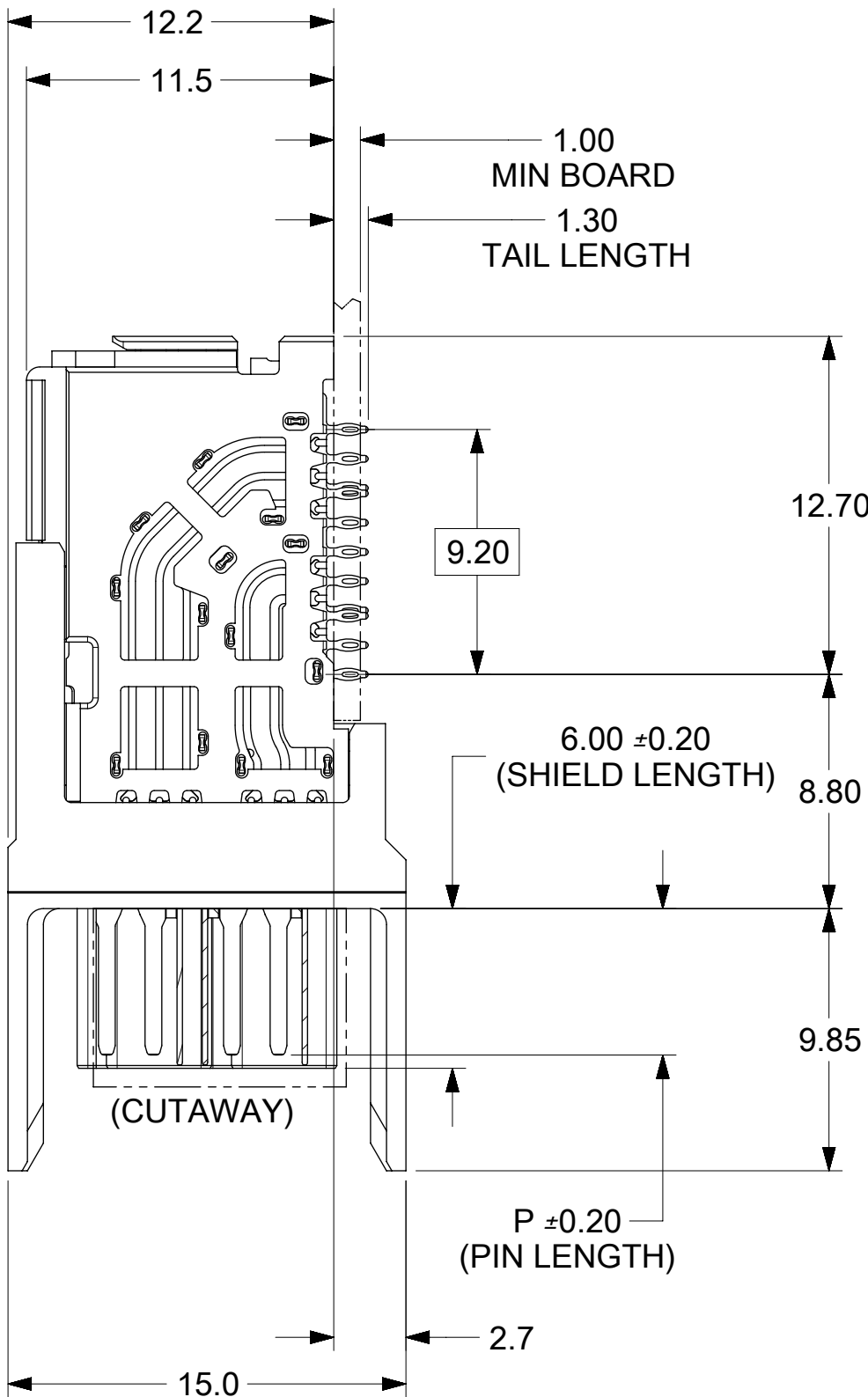
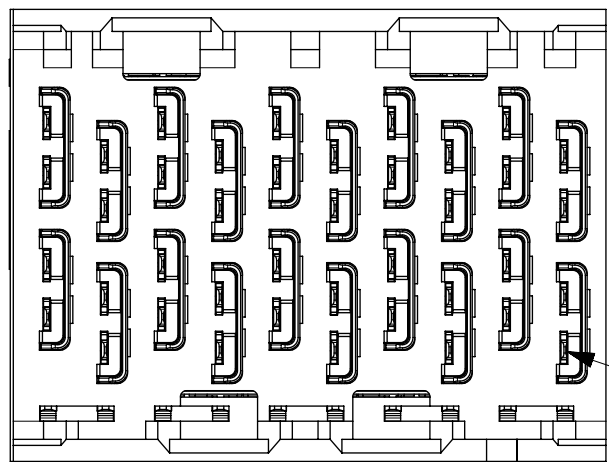
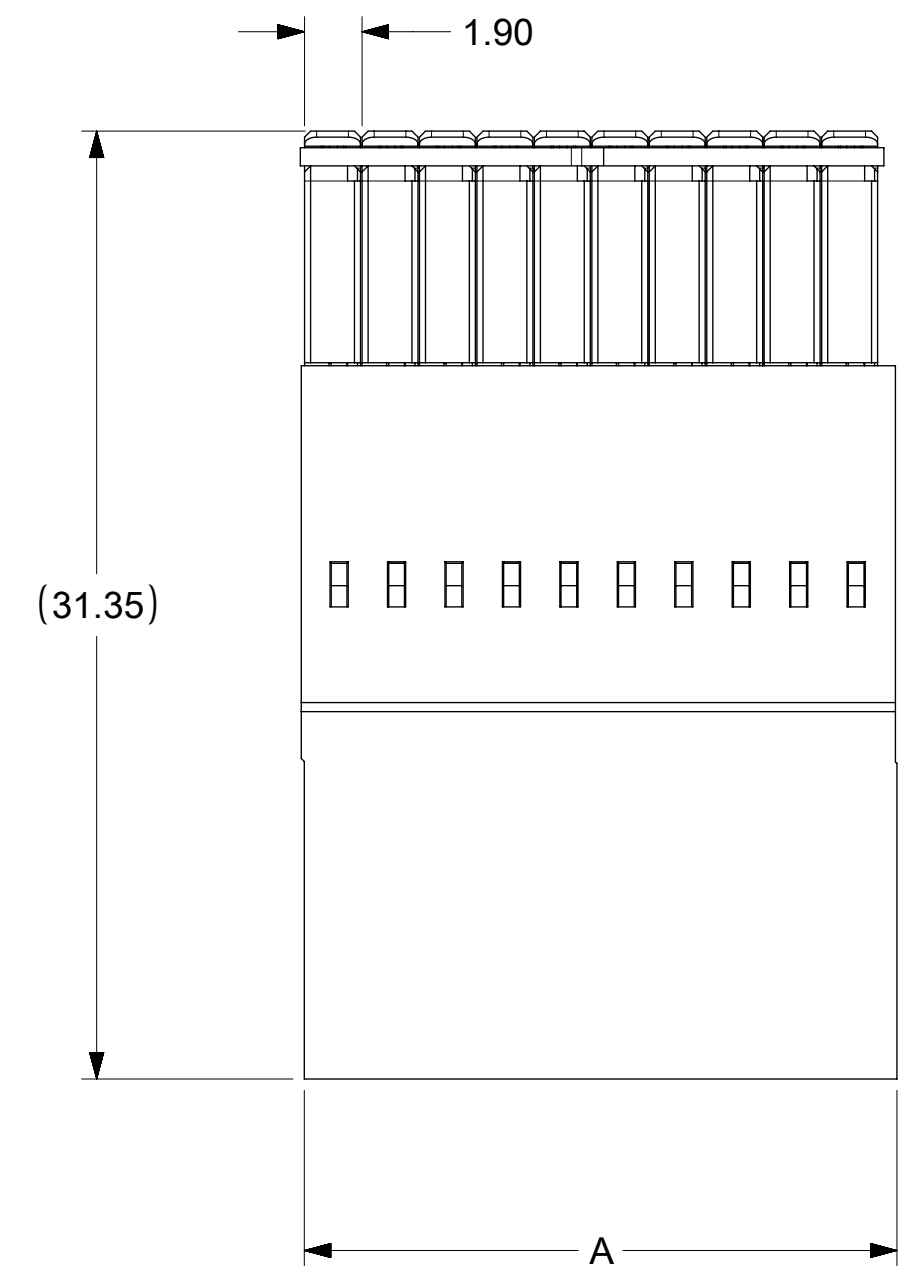
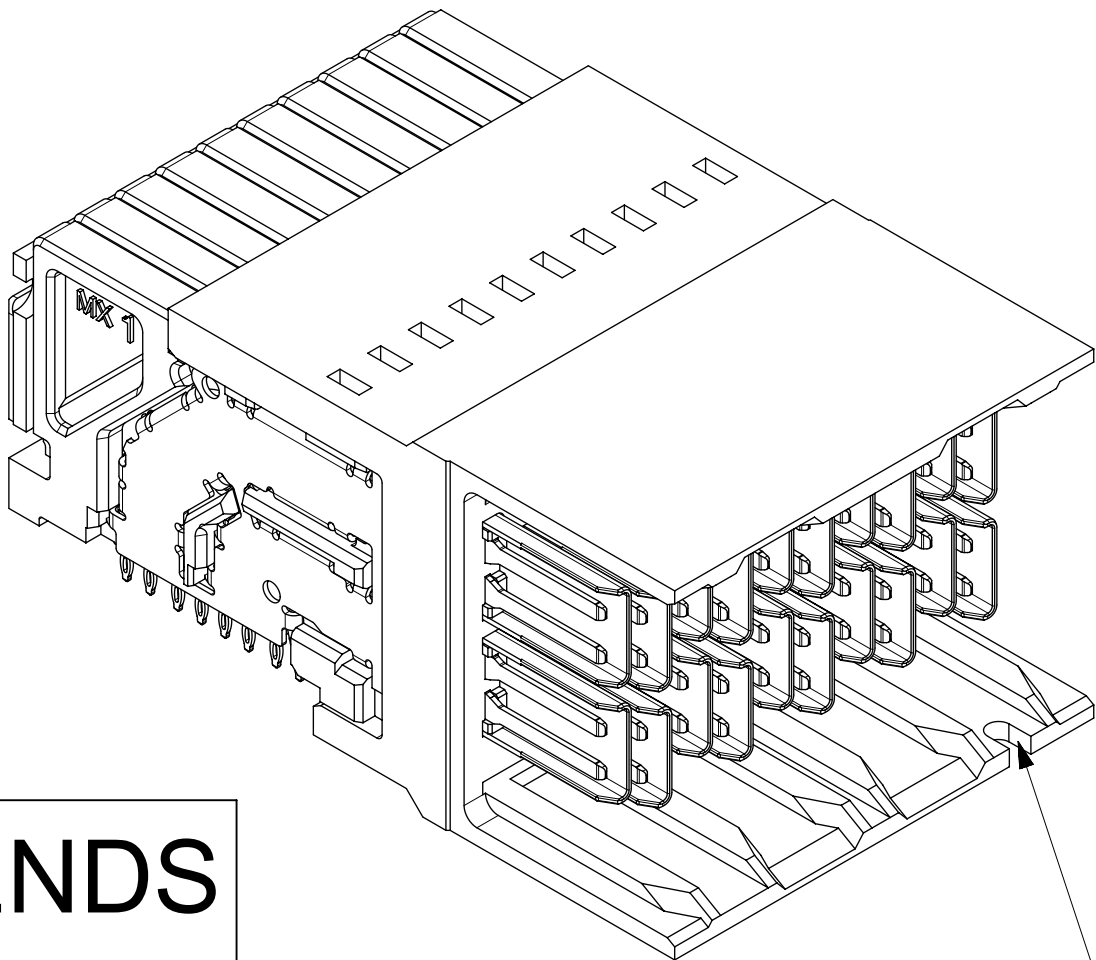




- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 10μIN GOLD IN CONTACT AREA.
SELECTIVE TIN ON PCB TAILS.
NICKEL OVERALL.
 3. REFER TO MOLEX PRODUCT SPECIFICATION PS-171320-999
FOR PERFORMANCE SPECIFICATIONS.
 4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF
COSMETIC SPEC PS-45499-002.
 5. PRODUCT WILL BE PACKAGED PER PDD 1723908888.
 6. SEE SHEET 2 FOR PCB LAYOUT AND MATING BOARD
RELATIONSHIP.
 7. MATES WITH IMPEL DAUGHTERCARD SERIES NUMBER 171750
(UNGUIDED).
 8. REFER TO IMPEL PCB ROUTING GUIDE AS-171320-990 FOR
ANTIPAD, ROUTING RECOMMENDATIONS, AND ADDITIONAL PCB
INFORMATION.
 9. WHEN STACKING MODULES END TO END, THE MINIMUM
COLUMN TO COLUMN HOLE SPACING IS 2.65mm.
 10. TO ADD ADDITIONAL SPACING OF 1.40mm FOR EACH
PLASTIC WALL WHEN STACKING MODULES WITH WALLS.



NOTCH INDICATES
ROW A

OPEN ENDS
OPTION

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	= 0	MIGRATED TO NX EC NO: 170113 DRWN: VK10 CHK'D: DWLEE01 REV APPR: DWLEE01	2017/12/20 2018/01/23 2018/01/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE									
	= 0					MM ONLY		4:1									
	= 0			ANGULAR TOL ± 0.5 °		DRWN BY		DATE		IMPEL 2 PAIR RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING							
	= 0			4 PLACES	±	JLAURX		2014/01/03									
	= 0			3 PLACES	±	CHK'D BY		DATE		PRODUCT CUSTOMER DRAWING							
	= 0			2 PLACES	± 0.13	YLLIM		DATE									
	= 0			1 PLACE	± 0.25	APPR BY		DATE		SERIES MATERIAL NUMBER CUSTOMER							
	= 0			0 PLACES	±	JLAURX		2014/01/06									
	= 0			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		DOCUMENT NUMBER SD-172390-0001		DOC TYPE PSD		DOC PART 001		SHEET NUMBER 1 OF 5	
	= 0					C											
RELEASE STATUS P1		RELEASE DATE 2018/01/23 15:55:48		A		SD-172390-0001		PSD 001		1 OF 5							

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"
172390-1107	10	20	19.75 MAX	17.10	4.90
172390-1207	12	24	23.55 MAX	20.90	4.90
172390-1407	14	28	27.35 MAX	24.70	4.90
172390-1607	16	32	31.15 MAX	28.50	4.90
172390-1108	10	20	19.75 MAX	17.10	5.50
172390-1208	12	24	23.55 MAX	20.90	5.50
172390-1408	14	28	27.35 MAX	24.70	5.50
172390-1608	16	32	31.15 MAX	28.50	5.50

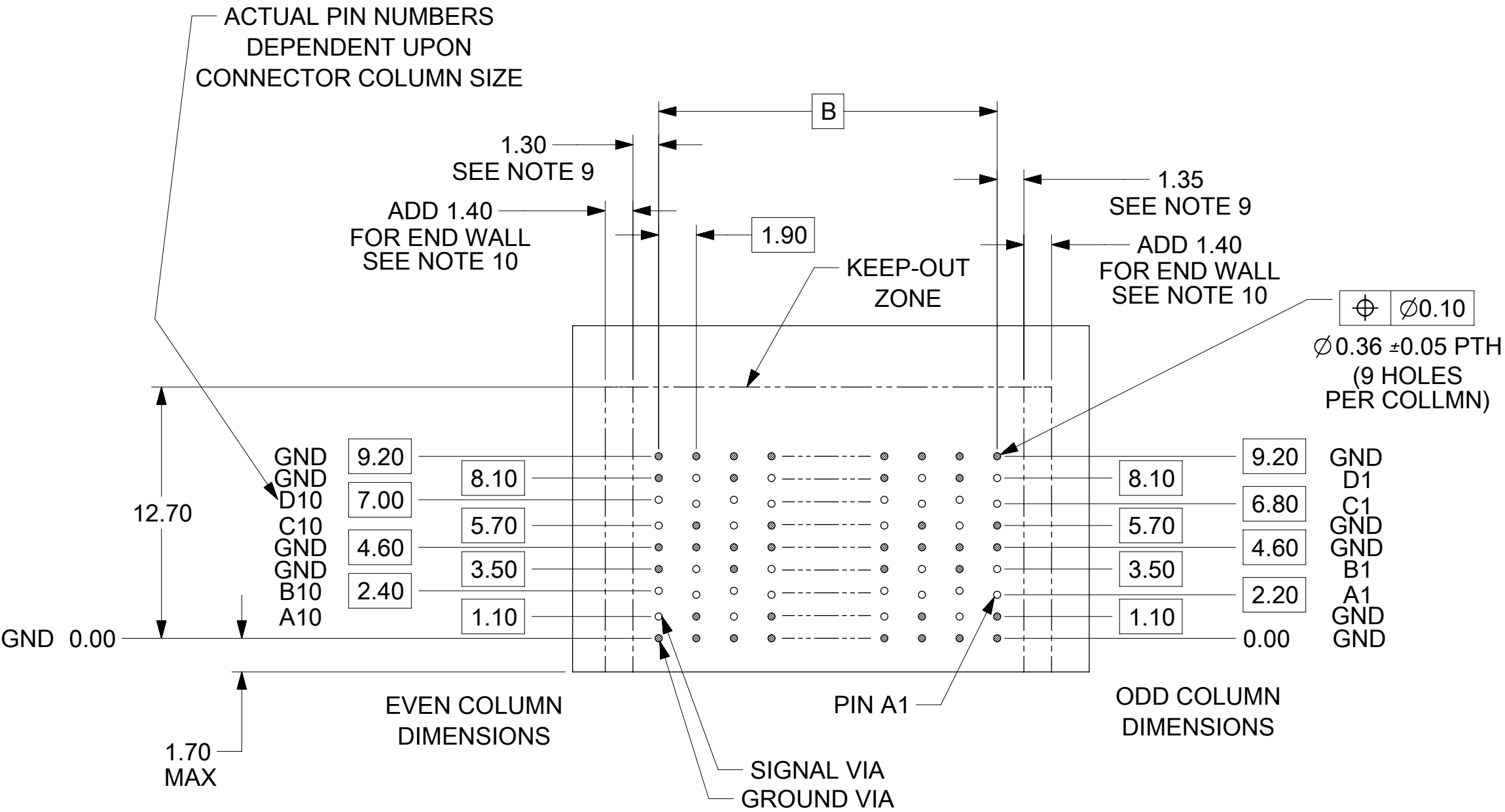
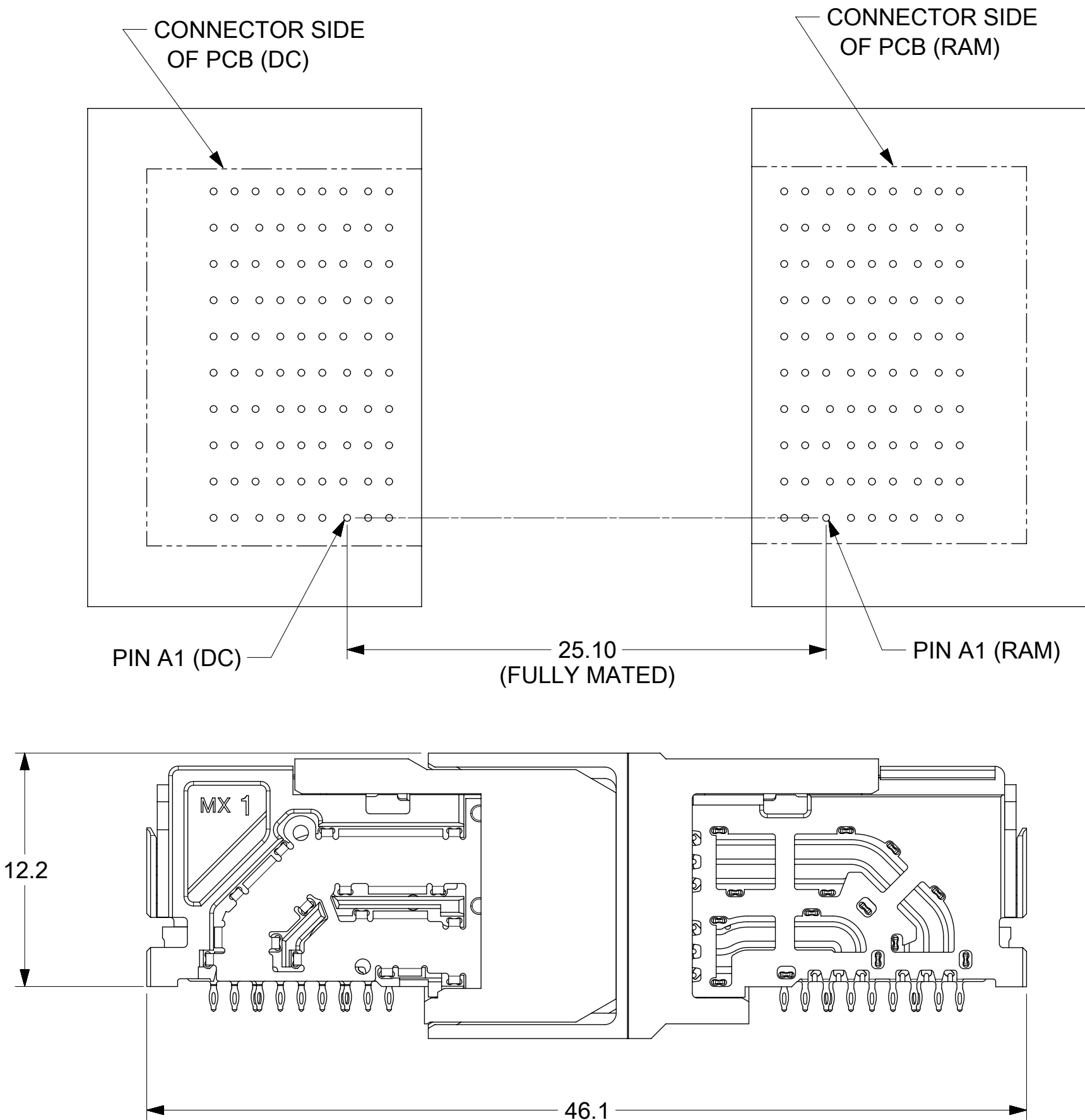
172390-1 * * *

MODULE TYPE
1 = UNGUIDED

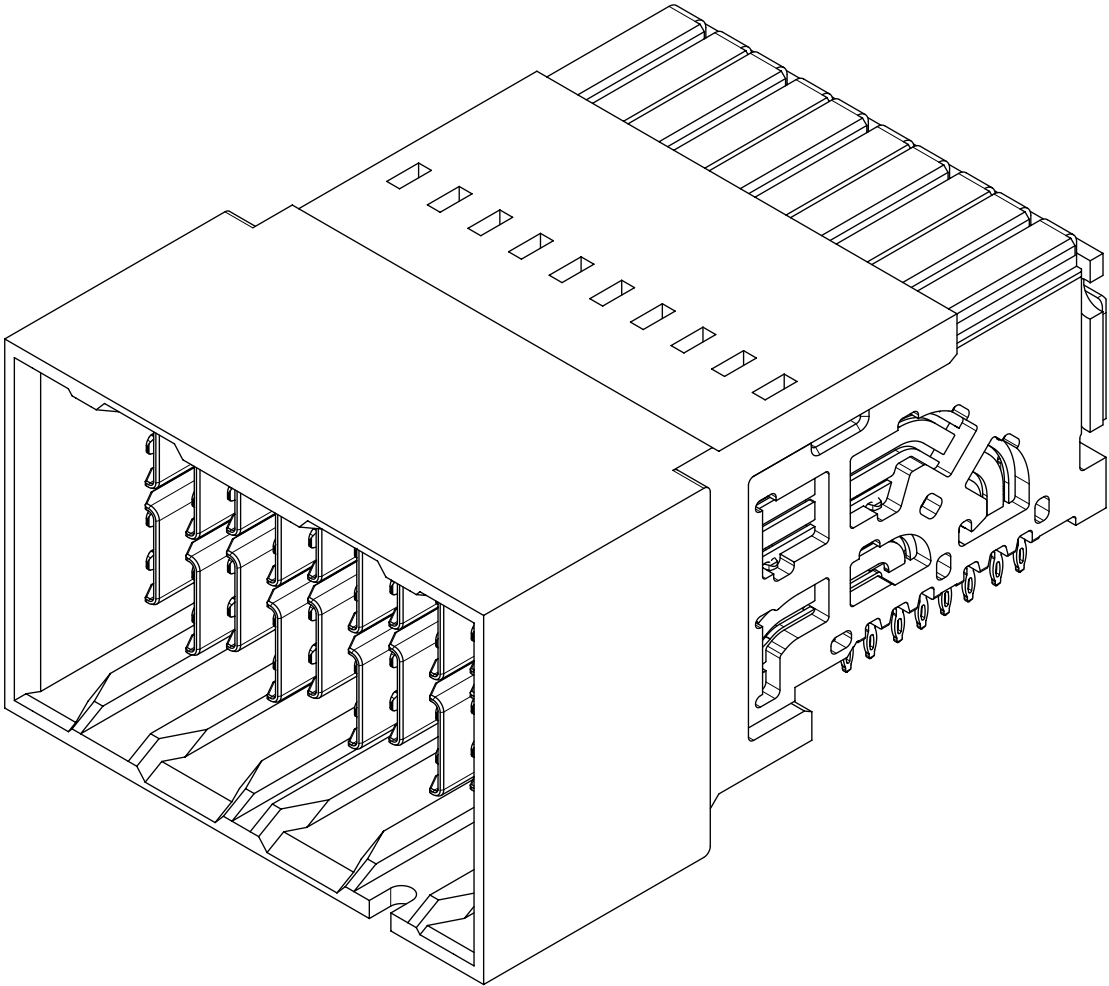
COLUMN SIZE
1 = 10 COLUMN
2 = 12 COLUMN
4 = 14 COLUMN
6 = 16 COLUMN

PIN LENGTH (P)
7 = 4.90mm
8 = 5.50mm

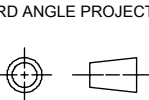
HOUSING STYLE
0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL



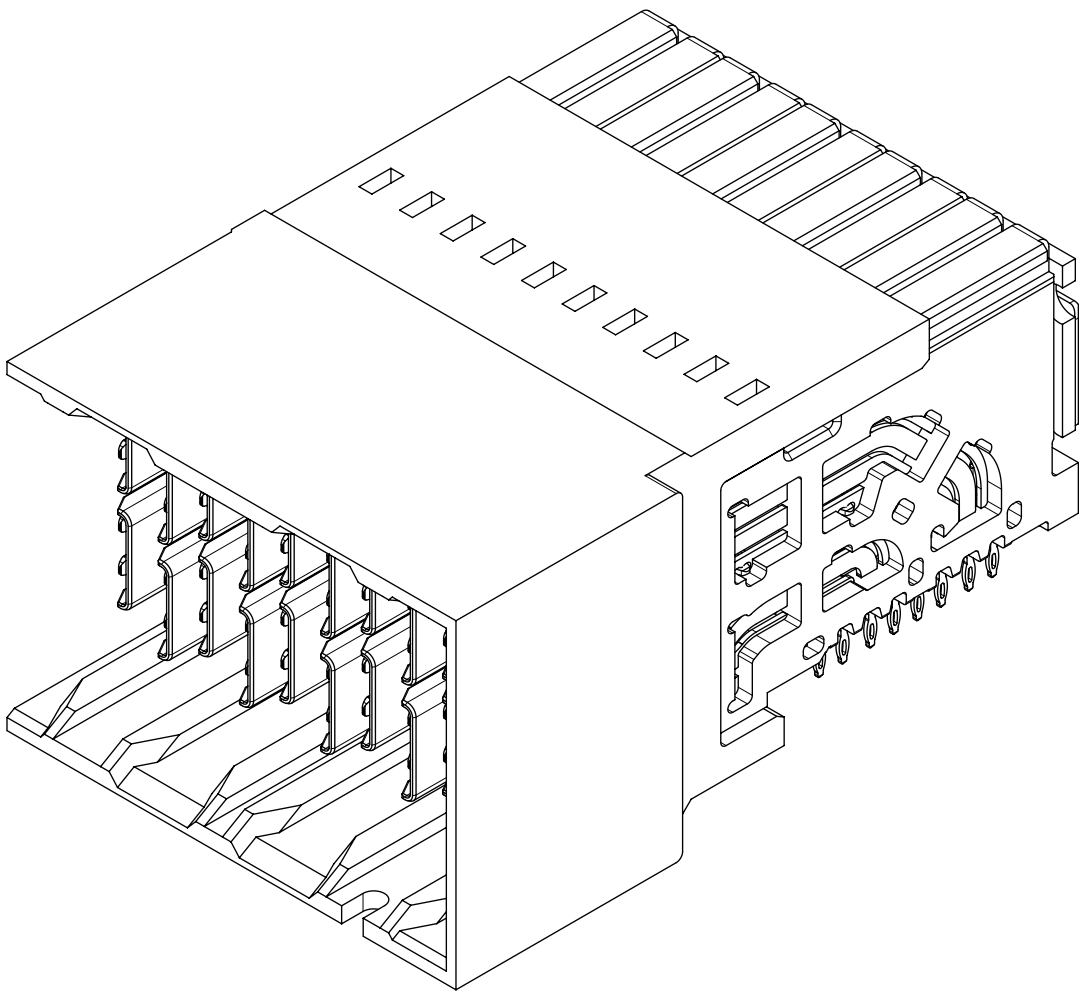
MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"
172390-1127	10	20	22.55 MAX	17.10	4.90
172390-1227	12	24	26.35 MAX	20.90	4.90
172390-1427	14	28	30.15 MAX	24.70	4.90
172390-1627	16	32	33.95 MAX	28.50	4.90
172390-1128	10	20	22.55 MAX	17.10	5.50
172390-1228	12	24	26.35 MAX	20.90	5.50
172390-1428	14	28	30.15 MAX	24.70	5.50
172390-1628	16	32	33.95 MAX	28.50	5.50



DUAL END
WALL OPTION

QUALITY SYMBOLS  = 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																				
	MIGRATED TO NX	EC NO: 170113 DRWN: VK10 CHKD: DWLEE01 REV APPR: DWLEE01	2017/12/20 2018/01/23 2018/01/23	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		 IMPEL 2 PAIR RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING											
						MM ONLY		4:1													
				ANGULAR TOL ± 0.5 °		DRWN BY		DATE								JLAURX2014/01/03					
						CHK'D BY		DATE													
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		4 PLACES		±		YLLIM		PRODUCT CUSTOMER DRAWING									
						3 PLACES		±		JLAURX2014/01/06											
						2 PLACES		± 0.13		DATE											
	1 PLACE		± 0.25		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER								
	0 PLACES		±		C				172390		SEE CHART		GENERAL MARKET								
								DOCUMENT NUMBER		DOC TYPE		DOC PART		SHEET NUMBER							
								SD-172390-0001		PSD		001		4 OF 5							

MATERIAL NUMBER	NUMBER OF COLUMNS	NUMBER OF DIFF PAIR	DIM "A"	DIM "B"	DIM "P"
172390-1137	10	20	21.15 MAX	17.10	4.90
172390-1237	12	24	24.95 MAX	20.90	4.90
172390-1437	14	28	28.75 MAX	24.70	4.90
172390-1637	16	32	32.55 MAX	28.50	4.90
172390-1138	10	20	21.15 MAX	17.10	5.50
172390-1238	12	24	24.95 MAX	20.90	5.50
172390-1438	14	28	28.75 MAX	24.70	5.50
172390-1638	16	32	32.55 MAX	28.50	5.50



RIGHT END
WALL OPTION

QUALITY SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ⊠ = 0 ■ = 0 ▽ = 0		MIGRATED TO NX		2017/12/20 2018/01/23 2018/01/23		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS		SCALE		molex® IMPEL 2 PAIR RIGHT ANGLE MALE (RAM) UNGUIDED SALES DRAWING			
EC NO: 170113 DRWN: VK10 CHKD: DWLEE01 APPR: DWLEE01		2018/01/23		ANGULAR TOL ± 0.5 °		MM ONLY		4:1							
				4 PLACES ±		JLAURX		2014/01/03							
				3 PLACES ±		CHK'D BY		DATE							
				2 PLACES ± 0.13		YLLIM									
				1 PLACE ± 0.25		APPR BY		DATE							
				0 PLACES ±		JLAURX		2014/01/06							
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE		THIRD ANGLE PROJECTION		SERIES		MATERIAL NUMBER		CUSTOMER	
		A		REV		C				172390		SEE CHART		GENERAL MARKET	
										DOCUMENT NUMBER		DOC TYPE		DOC PART	
										SD-172390-0001		PSD		001	
														SHEET NUMBER	
														5 OF 5	