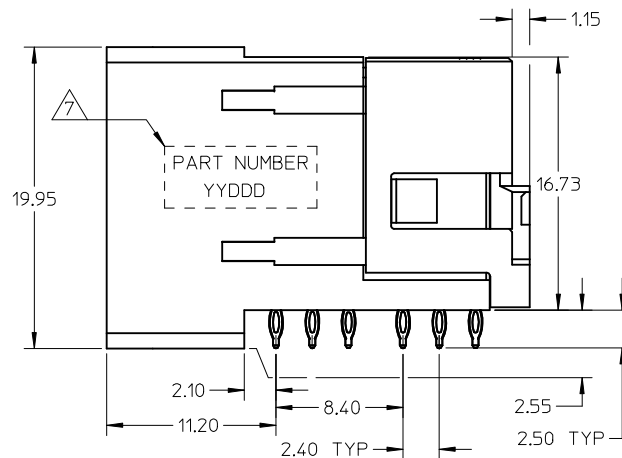
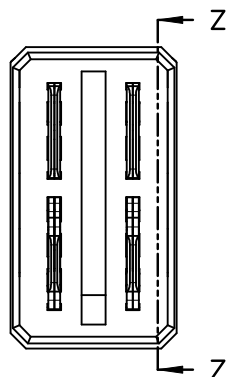
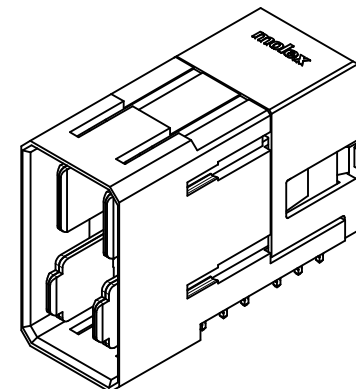
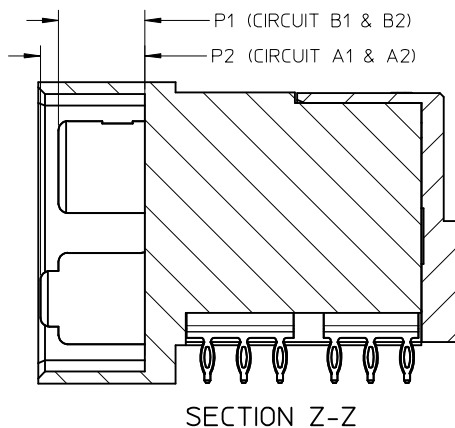
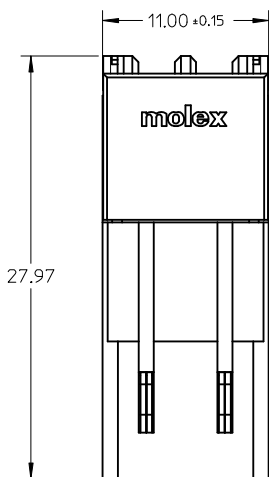
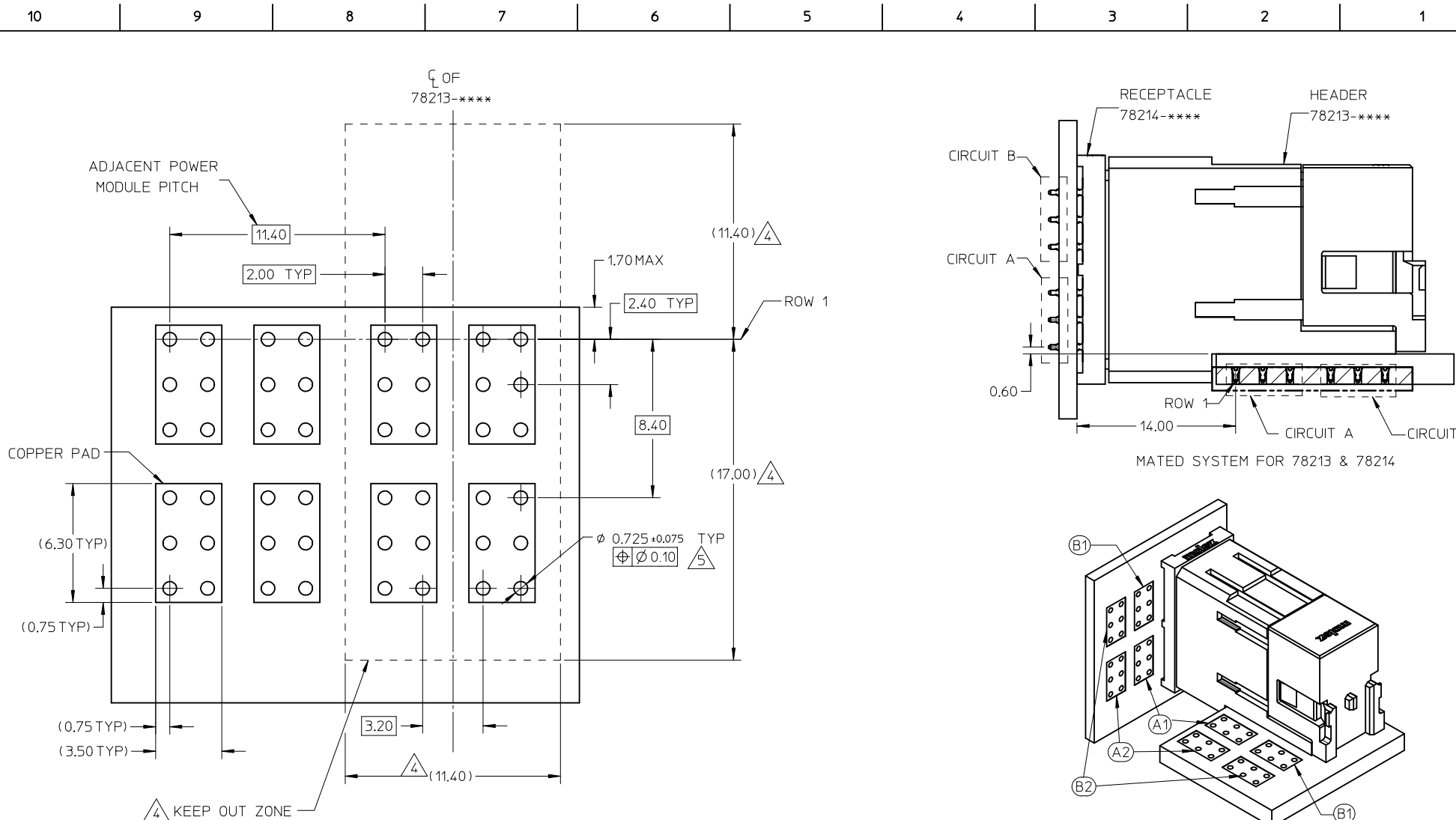




SEE SHEET 3 EC NO: S2013-0278 DRWN: LKCHEW CHKD: HCGOH APPR: SHONG A3	2013/05/28 2013/06/12 2013/06/13	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
					mm	INCH	DRAWN BY LNG	DATE 2007/11/02	TITLE IMPACT POWER, 4 PAIR RIGHT ANGLE HEADER PRESS-FIT			
				4 PLACES	± ---	± ---	CHECKED BY KWLOKE	DATE 2008/01/11				
				3 PLACES	± ---	± ---	APPROVED BY SHONG	DATE 2008/01/11				
				2 PLACES	± 0.25	± ---	MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				1 PLACE	± ---	± ---						
				ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78213-003		1 OF 3
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE SHOWN)
MINIMUM BOARD THICKNESS: 1.60mm
RECOMMENDED BOARD THICKNESS: 2.80mm

SEE SHEET 3 EC NO: S2013-0278 DRWN: KCHW CHKD: HCGH APPR: SHONG	2013/05/28 2013/06/12 2013/06/13	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	TITLE IMPACT POWER, 4 PAIR RIGHT ANGLE HEADER PRESS-FIT MOLEX INCORPORATED
					mm	INCH	DRAWN BY LNG	DATE 2007/11/02			
				4 PLACES	± ---	± ---	CHECKED BY	DATE			
				3 PLACES	± ---	± ---	KWLOKE	2008/01/11			
				2 PLACES	± 0.25	± ---	APPROVED BY	DATE			
				1 PLACE	± ---	± ---	SHONG	2008/01/11			
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-78213-003		2 OF 3					
A3		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

10	9	8	7	6	5	4	3	2	1
PART NUMBER	P1 (APPLIES TO B1 & B2)	P2 (APPLIES TO A1 & A2)	(A3) PLATING OPTIONS	PACKAGING					
78213-1011	6.90	6.90	TIN PLATING	TRAY					
78213-1022	5.70	5.70							
78213-1033	6.90	5.70							
78213-1044	5.70	6.90							

F

F

E

E

D

D

C

C

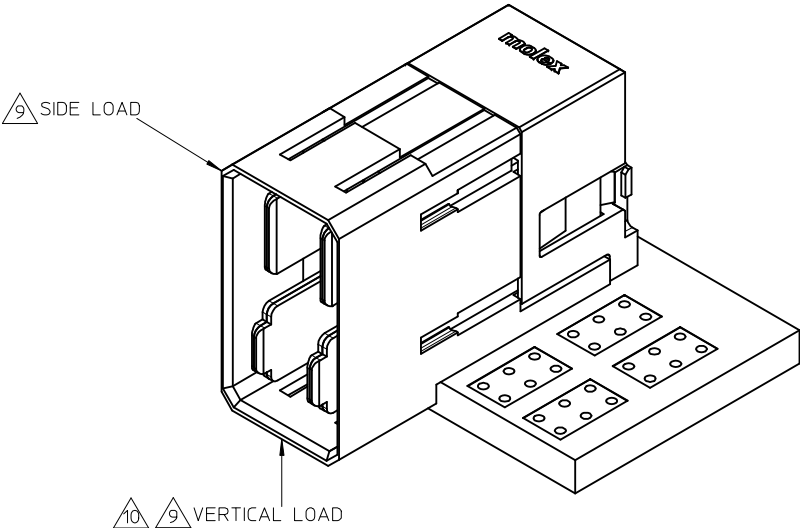
B

B

A

A

- NOTES:
- MATERIAL:
HOUSING - LCP, GLASS FILLED, UL94-V0, COLOR: BLACK
POWER PIN - COPPER ALLOY
 - (A3) FINISH OPTION:
TIN - 0.76μm MINIMUM GOLD AT CONTACT AND
2.54μm MINIMUM TIN AT SOLDER TAIL AREA OVER
1.27μm MINIMUM NICKEL UNDERPLATE OVERALL.
 - PRODUCT SPECIFICATION: PS-78213-001.
 - KEEP OUT ZONE FROM OTHER COMPONENTS.
 - PCB NOTE FOR DIAMETER 0.725mm PLATED HOLE.
- DRILLED HOLE SIZE IS 0.838mm
- PLATED WITH 0.007mm MIN. TIN OVER
0.03 TO 0.08mm COPPER UNDERPLATE TO ACHIEVE
0.725±0.075mm HOLE.
SEE SHEET 2 FOR RECOMMENDED PCB LAYOUT.
 - MATES WITH 78214-****.
 - PART NUMBER AND DATE CODE (YYDD) APPROXIMATELY SHOWN.
 - REFER TO SERIES 76155 & 76160 FOR SIGNAL MODULES.
 - CONNECTOR-TO-PCB RETENTION FORCE SHALL WITHSTAND
A VERTICAL AND SIDE LOAD OF 3KGF AND 4KGF MAXIMUM
RESPECTIVELY.
 - FOR APPLICATION USING LESS THAN 2.80MM PCB THICKNESS,
DO NOT PLACE PCBA (ASSEMBLED WITH CONNECTOR) ON A FLAT
SURFACE. THIS IS TO PREVENT EXERTING VERTICAL LOAD
(WEIGHT OF PCBA) ON CONNECTOR OVERHANG.
 - FOR APPLICATION THAT REQUIRES MORE CONNECTOR-TO-PCB
RETENTION FORCE, PLEASE CONTACT MOLEX SALE TECHNICAL
PERSONNEL FOR RECOMMENDATION.



REMOVE TIN/LEAD OPT EC NO: S2013-0278 DRWN: LKCHEW 2013/05/28 CHKD: HCGOH 2013/06/12 APPR: SHONG 2013/06/13	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
					MM ONLY		NTS	METRIC			
				mm	INCH	DRAWN BY	DATE	TITLE		IMPACT POWER, 4 PAIR RIGHT ANGLE HEADER PRESS-FIT	
			4 PLACES	± ---	± ---	LNG	2007/11/02				
			3 PLACES	± ---	± ---	CHECKED BY	DATE				
			2 PLACES	± 0.25	± ---	KWLOKE	2008/01/11				
			1 PLACE	± ---	± ---	APPROVED BY	DATE	MOLEX INCORPORATED			
			ANGULAR ± 3 °		SHONG	2008/01/11					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
					SEE TABLE		SD-78213-003		3 OF 3		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											