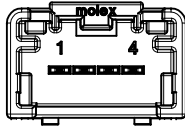
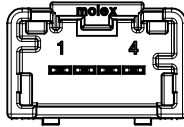


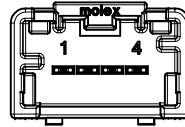
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A



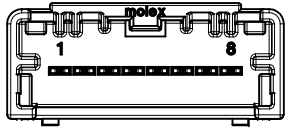
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B



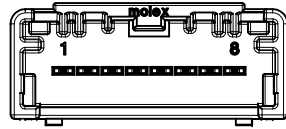
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C



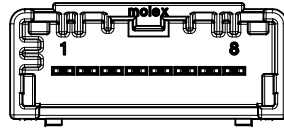
4 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION D



8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION A



8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION B



8 CIRCUIT VERTICAL HEADER
POLARIZATION OPTION C

MINISO VERTICAL HEADER ASSEMBLIES

MATERIAL NUMBER		CIRCUIT	POL	COLOR	BLADE PLATING	MATING COMPONENT	TOOLED
TUBE PACKAGING PK-31301-688	TRAY PACKAGING PK-31301-440						
34792-9040	34792-0040	4	A	BLACK	TIN OVER NICKEL	34791-0040	YES
34792-9041	34792-0041	4	B	GRAY	TIN OVER NICKEL	34791-0041	YES
34792-9042	34792-0042	4	C	BROWN	TIN OVER NICKEL	34791-0042	YES
34792-9043	34792-0043	4	D	GREEN	TIN OVER NICKEL	34791-0043	YES
34792-9080	34792-0080	8	A	BLACK	TIN OVER NICKEL	34791-0080	YES
34792-9081	34792-0081	8	B	GRAY	TIN OVER NICKEL	34791-0081	YES
34792-9082	34792-0082	8	C	BROWN	TIN OVER NICKEL	34791-0082	NOT TOOLED

NOTES: VALID UNLESS OTHERWISE SPECIFIED

- GENERAL:
 - APPLICATION SPECIFICATION SEE: AS-34791-020
 - PRODUCT SPECIFICATION SEE: PS-34791-020
 - PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-440, PK-31301-688
 - SOLDERABILITY PER SMES-152
 - PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
 - DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
 - FLAMMABILITY REQUIREMENT: PER ISO3795 OR GM3191
 - VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
- DESIGN - MATERIALS:
 - SHROUD (PLASTIC HOUSING): SPS 30% GF, 20% REGRIND MAX PER WEIGHT
 - BLADES:
 - BASE METAL: C260 BRASS
 - PLATING REQUIREMENTS:
 - TIN OVER NICKEL:
 - UNDERPLATING:
 - OVERALL NICKEL
 - OVERPLATING:
 - OVERALL TIN
- DESIGN - GEOMETRY:
 - THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - GENERAL TOLERANCES:
 - LINEAR: SEE TITLE BLOCK
 - ANGULAR: $\pm 3^\circ$
 - EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - CORNERS SHOWN AS SHARP TO BE R 0.1 MAX
 - LETTERING SHALL BE 0.10 MAX RAISED. THIS INCLUDES RECYCLING CODE, PLANT AND CAVITY ID, VENDOR ID, AND CIRCUIT ID.

LAST BALLOON ON DRAWING:

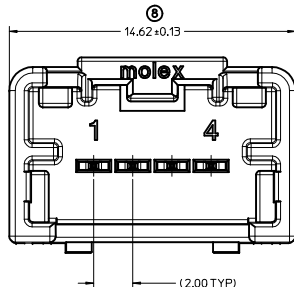
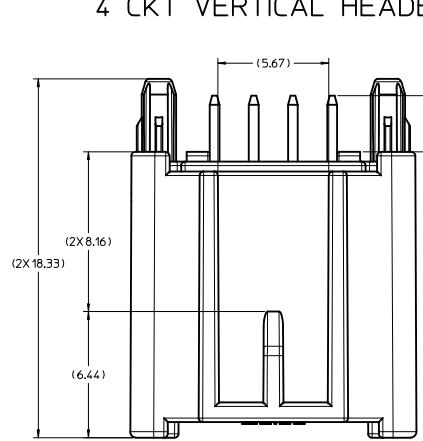
②

DELETED BALLOONS:

④

REVISED 8CKT POL C		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
EC NO: UAU2012-0550		▽=0		4 PLACES ± ---		DRAWN BY JDUNA J		DATE 2010/06/24		TITLE MINISO SINGLE ROW VERTICAL ASSEMBLY SALES DRAWING			
D		▽=0		3 PLACES ± ---		CHECKED BY BDICK		DATE 2010/06/24		MOLEX INCORPORATED			
CHKD: JOUNAJ		▽=0		2 PLACES ± 0.1		APPROVED BY SMARCEAU		DATE 2011/11/21					
APPR: SMARCEAU		▽=0		1 PLACE ± 0.2		MATERIAL NO.		DOCUMENT NO.		SD-34792-001			
DATE: 2011/11/21		DESCRIPTION		ANGULAR ± ---°		SEE TABLE		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
REV		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								SHEET NO. 1 OF 2			

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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13	12	11	10	9	8
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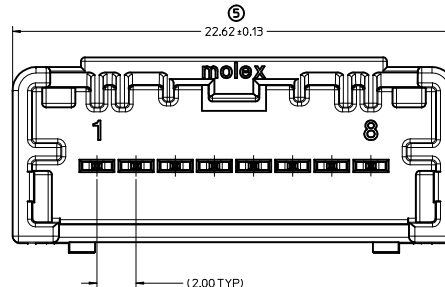
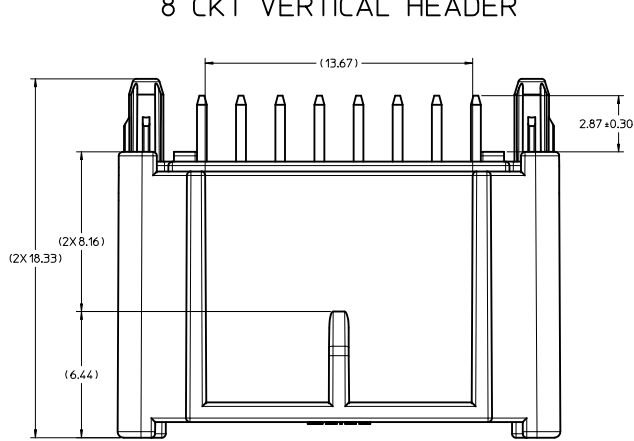
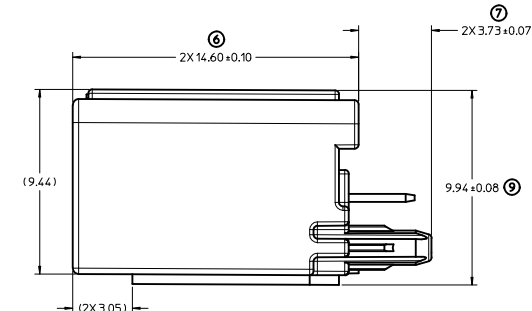
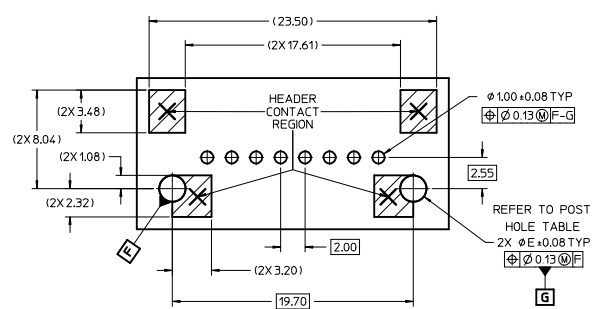
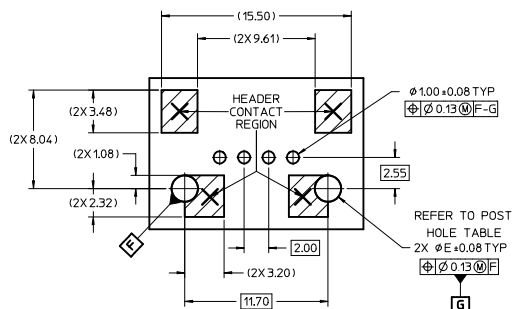


Diagram illustrating the cross-sectional view of a flush mount connector assembly. The assembly includes a header to PCB, a flush mount, and a printed circuit board (PCB) shown as a reference. Key dimensions and features are labeled:

- Header to PCB
- FLUSH MOUNT
- (1.57)
- (1.30)
- PRINTED CIRCUIT BOARD SHOWN AS REFERENCE
- 5.65 ± 0.10 TYP
- ③
- (0.50) CLEARANCE FOR TRACE ROUTING

PCB LAYOUT
CONNECTOR MATE SIDE

POST HOLE TABLE

	DIM "E"
PRESS FIT	2.15
DROP IN	2.55

REVISED 8CKT POL C	EC NO: 0402012-0550	DESCRIPTION 2011/11/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
	DRWNR:MACBUEA			2011/11/11	mm	INCH	TITLE		MINI50 SINGLE ROW VERTICAL ASSEMBLY SALES DRAWING	
	CHKD: APPR:SMARCEAU			2011/11/21	4 PLACES $\pm .01$	3 PLACES $\pm .01$	2 PLACES $\pm .01$	1 PLACE $\pm .02$	DATE 2010/06/24	DATE 2010/06/24
	APPR:SMARCEAU			2011/11/21	ANGULAR $\pm .01$	APPROVED BY SMARCEAU		DATE 2011/11/21	 MOLEX INCORPORATED	
REV	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
1	SEE TABLE	SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-34792-001		2 OF 2		