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SHEET NO.	SHEET DESCRIPTION
1	NOTES, INSPECTION BALLOON NUMBER LOG, REV. COLUMN, 2-BAY MINI50 RIGHT ANGLE HEADER ASSEMBLY
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3	DETAIL DIMENSION VIEW REFERENCE PCB LAYOUT

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. PRODUCT SPECIFICATION: PS-34959-001
- b. APPLICATION SPECIFICATION: AS-34959-001
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31302-070 (TRAY)
- d. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-688 (TUBE)
- e. COSMETIC SPECIFICATION: PS-45499-002 Class B
- f. GEOMETRIC TOLERANCING: SEE DIN 16901 TABLE
- g. MATES WITH: SD-34959-030

2. DESIGN: MATERIALS:

- a. SHROUD (PLASTIC HOUSING): RESIN - SPS
- b. PIN ALIGNMENT PLATE:
  - i. RESIN - SPS
  - ii. COLOR - BLACK
- c. 0.50mm BLADES:
  - i. BASE MATERIAL: BRASS
  - ii. PLATING TYPE: AS NOTED
- d. 1.20mm BLADES:
  - i. BASE MATERIAL: BRASS
  - ii. PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

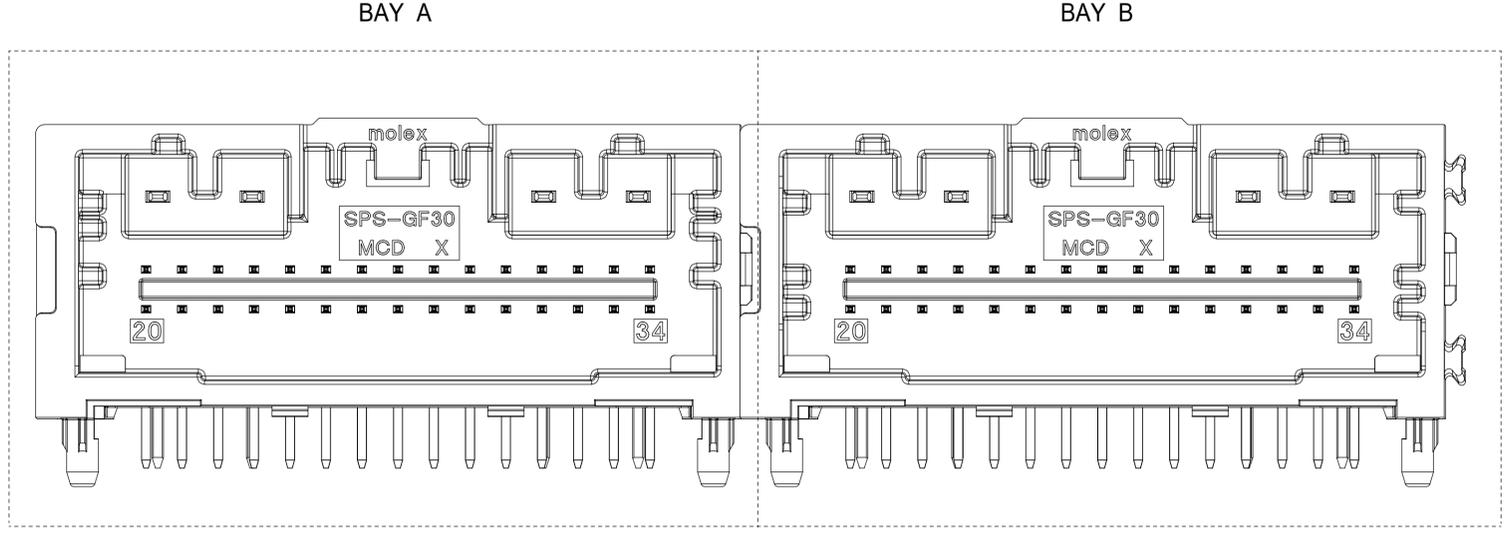
- a. UNDERPLATING - OVERALL NICKEL
- b. OVERPLATING - OVERALL REFLOW TIN

4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

SINGLE BAY DRAWINGS:

- a. PART NUMBER: 34961-03XX, REFER TO SD-34961-030
- b. PART NUMBER: 34961-13XX, REFER TO SD-34961-130

2-BAY MINI50 RIGHT ANGLE HEADER ASSEMBLY  
(P/N 34960-0200 SHOWN)



DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE													
		OVER UP TO	0	1	3	6	10	15	22	30	40	53	70	90	120
PRECISION ENGINEERING	A		±0.10	±0.12	±0.14	±0.16	±0.20	±0.22	±0.24	±0.26	±0.28	±0.31	±0.35	±0.40	±0.50
	B		±0.05	±0.06	±0.07	±0.08	±0.10	±0.12	±0.14	±0.16	±0.18	±0.21	±0.25	±0.30	±0.40

A: FOR NON-MOLD RELATED DIMENSIONS (ACROSS PARTING LINE)  
B: FOR MOLD RELATED DIMENSIONS (WITHIN MOLD COMPONENTS)

INSPECTION BALLOON NUMBER LOG	
PER DRAWING REVISION:	B3
LAST BALLOON NUMBER USED:	6a
ADDED BALLOON NUMBERS:	3a, 6a
REMOVED BALLOON NUMBERS:	2, 4, 5, 7

B3	1. SHEET 1: UPDATE NOTES INFORMATION 2. SHEET 2: ADDED NEW PART NUMBER 34960-7281, 34960-0281, 34960-7291 3. SHEET 2: ADDED NEW PART NUMBER PIN CONFIGURATION INFORMATION 4. SHEET 3: ADDED DIM 3a, DIM 6a 5. SHEET 3: REMOVED DIM 2, DIM 4, DIM5, DIM 7	663659
B2	1. OBSOLETE PART NUMBER: 34960-0210; 34960-0220; 34960-0240; 34960-0250 2. ADDED NEW DIMENSION ITEM 2a & 2b IN SHEET 3 3. ADDED SHEET 2 TO SHOW DEPOLULATED HEADER PIN CONFIGURATION AND DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION 4. REMOVED BALLOON NUMBER: 8,9,10,11 IN SHEET 3 5. ADDED HOLE DIMENSION F IN PCB LAYOUT IN SHEET 3	640173
B1	ADDED NEW PART NUMBER: 34960-0271 IN THE CHART ON SHEET 1	623488
B	1. OBSOLETE PART NO 349600230 2. ADDED NEW NUMBER: 34960-0261 IN THE CHART ON SHEET 1	618118
A10	ADDED NEW P/N: 34961-7261 IN THE BOM ON SHEET 1.	611155
A9	ADDED NEW P/N: 34960-0211 \ 34960-0221 \ 34960-0231 34960-0241\34960-0251 IN THE BOM ON SHEET 1. ADDED PRODUCT STATUS IN THE BOM ON SHEET 1.	606688
REV	REV DESCRIPTION	ECN SAP NO.

FUNCTIONAL SYMBOLS FA = 0 FC = 0 FP = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 5:1	CURRENT REV DESC:		<b>molex</b>
	DIMENSION UNITS mm	GENERAL TOLERANCES (UNLESS SPECIFIED)	EC NO: 663659 DRWN: SWU31 2020/12/09 CHK'D: CDZHANG 2021/05/20 APPR: CDZHANG 2021/05/20		
DIVISIONAL SYMBOLS	ANGULAR TOL ± °	4 PLACES ±	3 PLACES ±	2 PLACES ±	PRODUCT CUSTOMER DRAWING
		1 PLACE ±	0 PLACES ±	INITIAL REVISION: DRWN: JFISCHER01 2014/03/25 APPR: RBAUMAN 2014/03/31	DOCUMENT NUMBER <b>SD-34960-0200</b>
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING <b>D-SIZE</b>	SERIES <b>34960</b>	DOC TYPE DOC PART REVISION PSD 001 <b>B3</b>
					MATERIAL NUMBER CUSTOMER SHEET NUMBER GENERAL MARKET 1 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/20	02:13:22
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