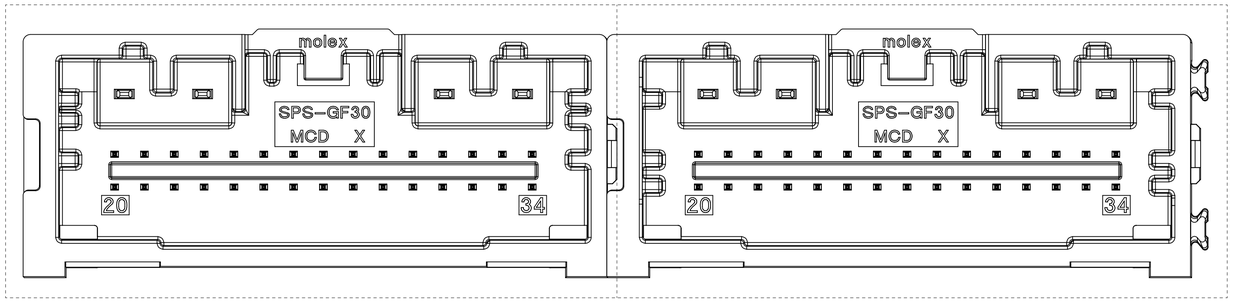
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SHEET NO.	SHEET DESCRIPTION
1	NOTES, INSPECTION BALLOON NUMBER LOG, NOMINAL DIMENSION RANGE LIST, REV.COLUMN, 2-BAY MINI50 RIGHT ANGLE HEADER ASSEMBLY CHART FOR MULTIBAY CONFIGURATION
2	DETAIL DIMENSION VIEW REFERENCE PCB LAYOUT

2-BAY MINI50 VERTICAL HEADER ASSEMBLY
(P/N 34960-1200 SHOWN)

BAY 'A' BAY 'B'



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)
   (B4) e. PACKAGING SPECIFICATION PER MOLEX DRAWING (SMALL TRAY PACK):349602200-PK
   f. COSMETIC SPECIFICATION: PS-45499-002 Class B
   g. GEOMETRIC TOLERANCING: SEE DIN 16901 TABLE
   h. 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, REFER TO SD-34958-300

CHART FOR MULTIBAY CONFIGURATION

2 BAY PART NUMBER (TUBE PKG)	(B4) 2 BAY PART NUMBER (SMALL TRAY PKG)	2 BAY PART NUMBER (STANDARD TRAY PKG)	BAY A					BAY B					STATUS
			P/N	INTERFACE TYPE	POL	COLOR	QT'Y OF PINS	P/N	INTERFACE TYPE	POL	COLOR	QT'Y OF PINS	
TBD	34960-2200	34960-1200	34958-0340	34CKT	A	BLACK	34	34958-0341	34CKT	B	GREY	34	SALEABLE
TBD	TBD	34960-1210	34958-0380	38CKT	A	BLACK	38	34958-0381	38CKT	B	GREY	38	OBSOLETED
TBD	TBD	34960-1220	34958-0340	34CKT	A	BLACK	34	34958-0381	38CKT	B	GREY	38	OBSOLETED
TBD	34960-2211	34960-1211	34958-0383	38CKT	UPDATED A	BLACK	38	34958-0384	38CKT	UPDATED B	GREY	38	SALEABLE
TBD	34960-2221	34960-1221	34958-0340	34CKT	A	GREY	34	34958-0384	38CKT	UPDATED B	GREY	38	SALEABLE

DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE													
		OVER	0	1	3	6	10	15	22	30	40	53	70	90	120
		UP TO	1	3	6	10	15	22	30	40	53	70	90	120	160
PRECISION	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
ENGINEERING	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: B4
LAST BALLOON NUMBER USED: 8
ADDED BALLOON NUMBERS:
REMOVED BALLOON NUMBERS:

REV	REV DESCRIPTION	ECN SAP NO.
B4	SHEET 1: ADDED NEW HEADER PART NUMBER OF SMALL TRAY PACKAGING	CO-000010032
B3	TRANDFER FROM ECTR CAUSED FREEZE	N/A
B2	1. SHEET 1: UPDATED NOTE INFORMATION 2. SHEET 2: ADDED DIM 3A	668374
B1	OBSOLETE PART NUMBERS 349601210 349601220	648358
B	ADDED NEW P/N: 34960-1211 \ 34960-1221 IN THE BOM ON SHEET 1. ADDED PRODUCT STATUS IN THE BOM ON SHEET 1.	612184

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FE = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: MM
SCALE: 1:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5°
4 PLACES ±
3 PLACES ±
2 PLACES ±
1 PLACE ±
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD PART NUMBER FOR SMALL TRAY PKG

STATUS: Production
DRWN: Gang Li 2024-02-22
CHK'D: Ringo Hu 2024-03-27
APPR: Colin Zhang 2024-03-28

THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 34960

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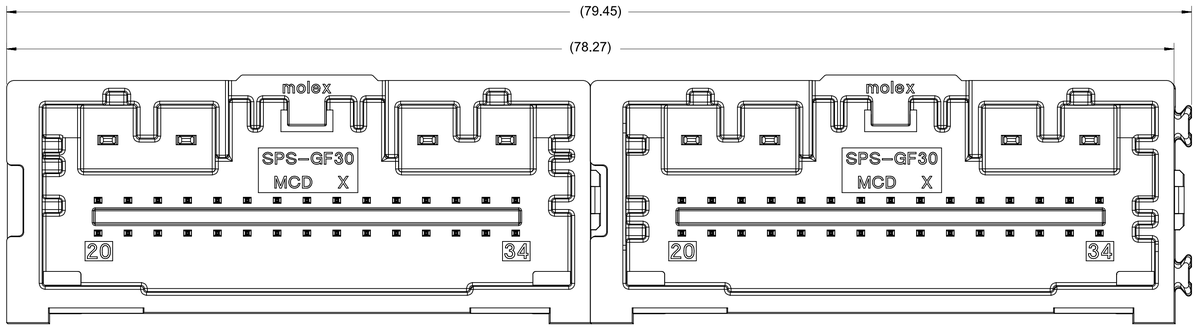
34 & 38 CKT MINI50 2-BAY
VERTICAL HEADER ASSEMBLY SALES DRAWING

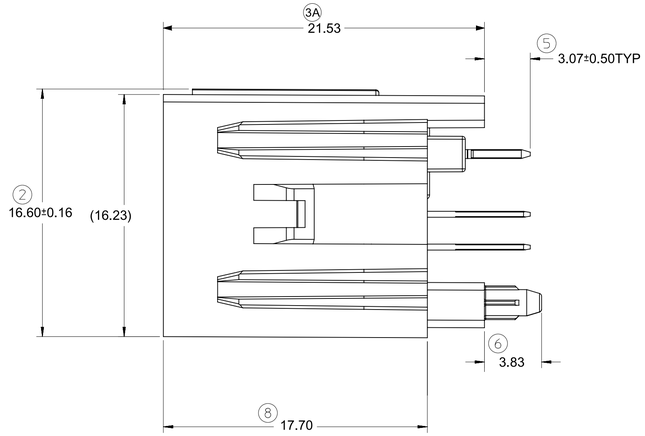
PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34960-1200	PSD	001	B4

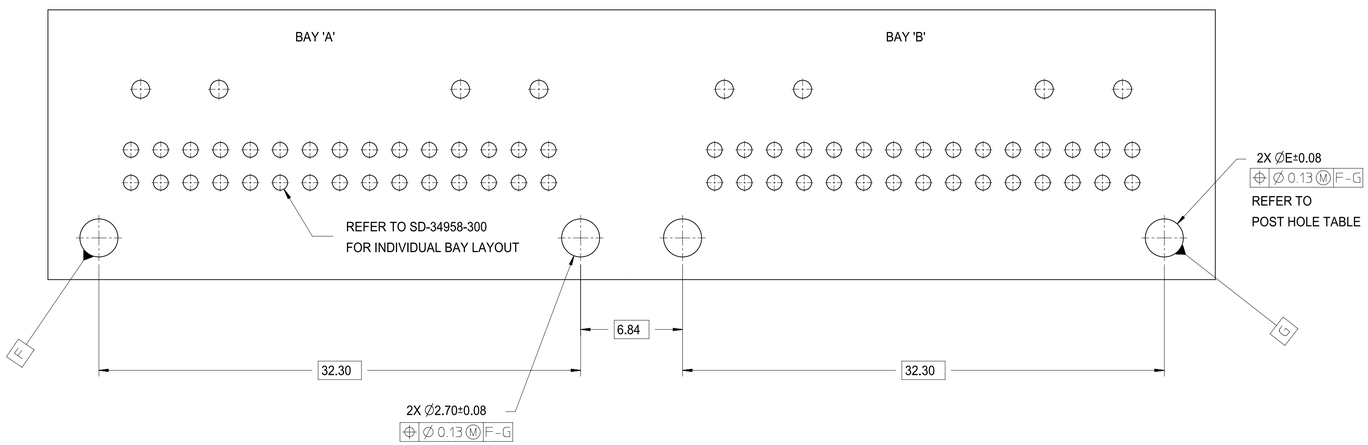
MATERIAL NUMBER
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 2

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SHEET NO.	SHEET DESCRIPTION
2	DETAIL DIMENSION VIEW REFERENCE PCB LAYOUT





RECOMMENDED PCB LAYOUT



POST HOLE TABLE:

FOR DIM E:	
PRESS FIT:	2.35
DROP IN:	2.70

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
MM	1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5°
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	
1 PLACE	±	
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: ADD PART NUMBER FOR SMALL TRAY PKG

STATUS: Production
DRWN: Gang Li 2024-02-22
CHK'D: Ringo Hu 2024-03-27
APPR: Colin Zhang 2024-03-28

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34960

molex

34 & 38 CKT MINI50 2-BAY
VERTICAL HEADER ASSEMBLY SALES DRAWING

PRODUCT SALES DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34960-1200	PSD	001	B4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	2 OF 2

FORMAT TS-A4-prod-01
REVISION: B
DATE: 2020-06-01