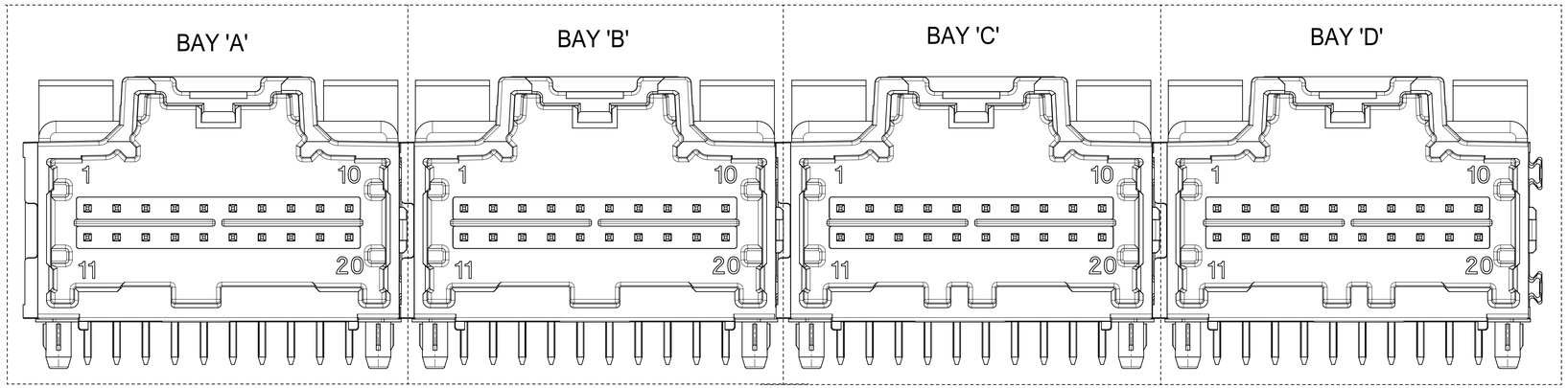
TABLE OF CONTENTS	
1	NOTES, INSPECTION BALLOON NUMBER LOG, REV.TABLE, 4 BAY ASSEMBLY VIEW
2	DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION
3	4 BAY ASSEMBLY VIEW, RECOMMENDED PCB LAYOUT, FLUSH MOUNTING VIEW, POST HOLE TABLE, DIMENSION DETAILS
4	8-20CKT 0.64MM HEADER DETAILS, 14CKT HYBRID HEADER DETAILS, 10CKT HYBRID HEADER DETAILS
5	RECOMMENDED SINGLE PCB LAYOUT FOR 10CKT HYBRID, 14CKT HYBRID, AND 8-20CKT 0.64MM

4 BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY
(P/N: 34708-4000 SHOWN)



(P1) NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:

PRODUCT SPECIFICATION:
8-20 CKT 0.64 PRODUCT SPEC: PS-34729-020/PS-31408-100
10 CKT HYBRID PRODUCT SPEC: PS-31372-100
14 CKT HYBRID PRODUCT SPEC: PS-34969-100

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020/AS-31408-100

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892 (TRAY)

d. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-063 (TUBE)

e. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-894 (ALT TRAY)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS

b. 0.64mm PINS:
BASE MATERIAL: COPPER ALLOY
PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:
BASE MATERIAL: COPPER ALLOY
PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING SINGLE BAY DRAWINGS:
8-20 CKT 0.64: SD-34691-100
10 CKT HYBRID: SD-34696-100
14 CKT HYBIRD: SD-34773-100

5. G DENOTES DIMENSIONS THAT MAY BE QUALIFIED WITH A GAUGE.

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION: P1
LAST BALLOON NUMBER USED: 55
ADDED BALLOON NUMBERS:
REMOVED BALLOON NUMBERS: 9, 10, 11, 12, 56, 57, 58, 59, 60, 61, 62, 63

REV.	REV DESCRIPTION	EC#	DATE
P1	1. UPDATED NOTES 2. ADDED NEW P/N 34708-4021 IN SHEET 2	660202	2021.05

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	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 660202
DRWN: CZHANG118 2021/02/04
CHK'D: CZHANG118 2021/04/09
APPR: JDENG02 2021/05/18

INITIAL REVISION:
DRWN: VDANIELE 2008/11/14
APPR: SMARCEAU 2008/11/14

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4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34708-400	PSD	001	P1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34708		GENERAL MARKET	1 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18 01:49:26

TABLE OF CONTENTS

2	DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION

4 BAY PART NUMBER (ALT TRAY)	4 BAY PART NUMBER (TUBE PKG)	4 BAY PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			BAY D			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
			CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL						
TBD	34708-9000	34708-4000	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	132.74	130.27	27.94	27.94	27.94	27.94
TBD	TBD	34708-4010	12	0.64mm	A	12	0.64mm	B	16	0.64mm	A	8	0.64mm	A	92.10	89.63	17.78	17.78	22.86	12.70
TBD	TBD	34708-4020	16	0.64mm	B	8	0.64mm	B	16	0.64mm	C	12	0.64mm	C	97.18	94.71	22.86	12.70	22.86	17.78
TBD	TBD	34708-4030	16	0.64mm	A	20	0.64mm	A	12	0.64mm	A	20	0.64mm	B	117.50	115.03	22.86	27.94	17.78	27.94
TBD	TBD	34708-4040	20	0.64mm	B	12	0.64mm	A	20	0.64mm	A	12	0.64mm	C	112.42	109.95	27.94	17.78	27.94	17.78
TBD	TBD	34708-4050	20	0.64mm	A	16	0.64mm	A	8	0.64mm	A	10	HYBRID	A	112.42	109.95	27.94	22.86	12.70	27.94
TBD	TBD	34708-4060	20	0.64mm	C	20	0.64mm	A	20	0.64mm	B	12	0.64mm	A	122.58	120.11	27.94	27.94	27.94	17.78
TBD	TBD	34708-4070	12	0.64mm	A	20	0.64mm	D	20	0.64mm	C	20	0.64mm	A	122.58	120.11	17.78	27.94	27.94	27.94
TBD	TBD	34708-4080	20	0.64mm	B	8	0.64mm	A	20	0.64mm	A	12	0.64mm	A	107.34	104.87	27.94	12.70	27.94	17.78
TBD	TBD	34708-4090	12	0.64mm	A	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	122.58	120.11	17.78	27.94	27.94	27.94
TBD	TBD	34708-4011	16	0.64mm	B	16	0.64mm	A	8	0.64mm	A	10	HYBRID	A	107.34	104.87	22.86	22.86	12.70	27.94
TBD	TBD	34708-4012	8	0.64mm	B	20	0.64mm	D	12	0.64mm	A	12	0.64mm	C	97.18	94.71	12.70	27.94	17.78	17.78
TBD	34708-9013	34708-4013	16	0.64mm	A	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	127.66	125.19	22.86	27.94	27.94	27.94
TBD	TBD	34708-4014	8	0.64mm	A	20	0.64mm	C	20	0.64mm	B	10	HYBRID	A	117.50	115.03	12.70	27.94	27.94	27.94
TBD	34708-9015	34708-4015	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	8	0.64mm	A	117.50	115.03	27.94	27.94	27.94	12.70
TBD	34708-9016	34708-4016	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	12	0.64mm	A	122.58	120.11	27.94	27.94	27.94	17.78
TBD	TBD	34708-4017	20	0.64mm	D	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	132.74	130.27	27.94	27.94	27.94	27.94
TBD	TBD	34708-4018	20	0.64mm	C	20	0.64mm	A	20	0.64mm	B	16	0.64mm	A	127.66	125.19	27.94	27.94	27.94	22.86
34708-9519	TBD	34708-4019	10	HYBRID	A	16	0.64mm	C	12	0.64mm	B	20	0.64mm	A	117.50	115.03	27.94	22.86	17.78	27.94
P1 TBD	TBD	34708-4021	10	HYBRID	A	14	HYBRID	A	16	0.64mm	A	20	0.64mm	A	127.66	125.19	27.94	27.94	22.86	27.94

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
FF = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE: 1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 660202
DRWN: CZHANG118 2021/02/04
CHK'D: CZHANG118 2021/04/09
APPR: JDENG02 2021/05/18

INITIAL REVISION:
DRWN: VDANIELE 2008/11/14
APPR: SMARCEAU 2008/11/14

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34708

molex

4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

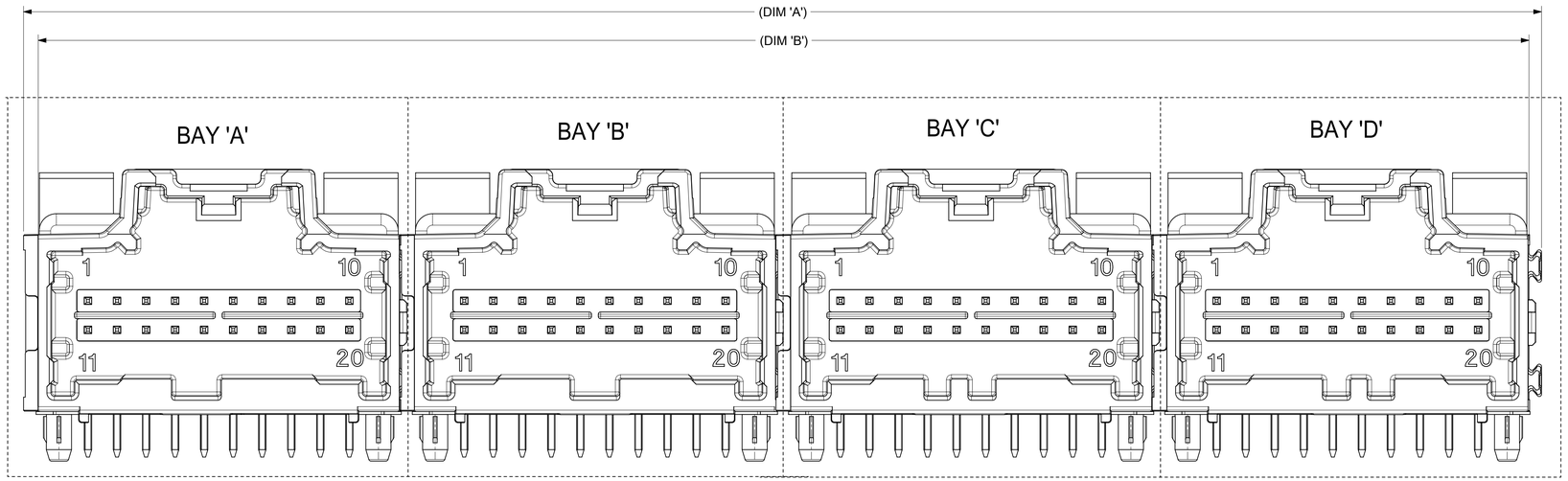
PRODUCT CUSTOMER DRAWING

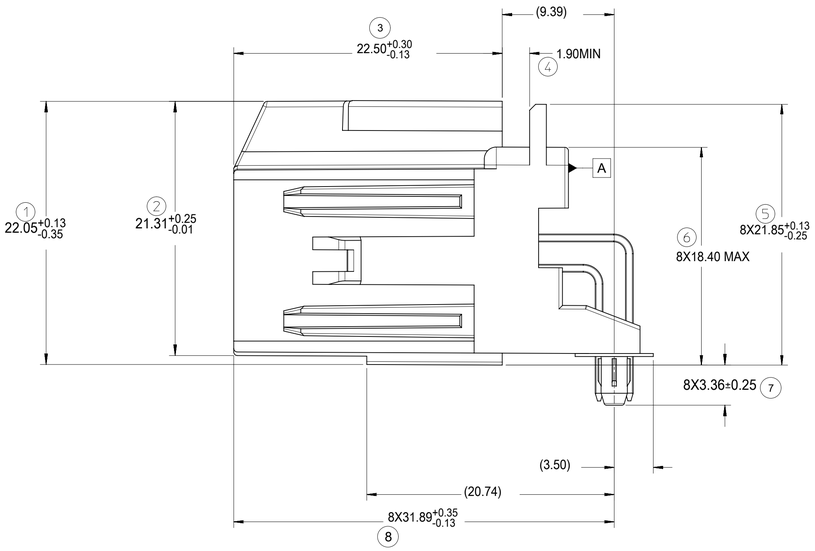
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34708-400	PSD	001	P1

MATERIAL NUMBER | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18 01:49:26

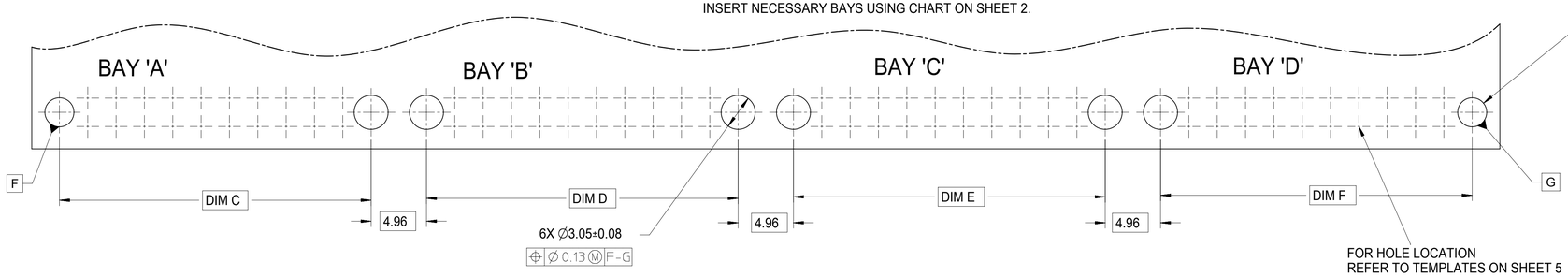
TABLE OF CONTENTS	
3	4 BAY ASSEMBLY VIEW, RECOMMENDED PCB LAYOUT, FLUSH MOUNTING VIEW, POST HOLE TABLE, DIMENSION DETAILS





RECOMMENDED PCB LAYOUT

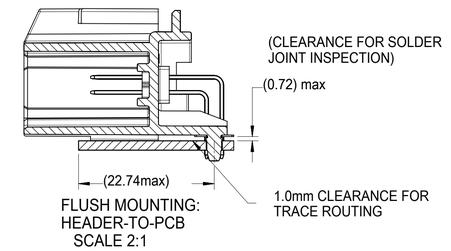
INSERT NECESSARY BAYS USING CHART ON SHEET 2.



POST HOLE TABLE:

FOR DIM Z:	
PRESS FIT:	2.60
DROP IN:	3.05

ALL CIRCUIT SIZES



FUNCTIONAL SYMBOLS	
FA	= 0
FC	= 0
FP	= 0
DIVISIONAL SYMBOLS	

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

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 660202

DRWN:	CZHANG118	2021/02/04
CHK'D:	CZHANG118	2021/04/09
APPR:	JDENG02	2021/05/18

INITIAL REVISION:

DRWN:	VDANIELE	2008/11/14
APPR:	SMARCEAU	2008/11/14

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4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

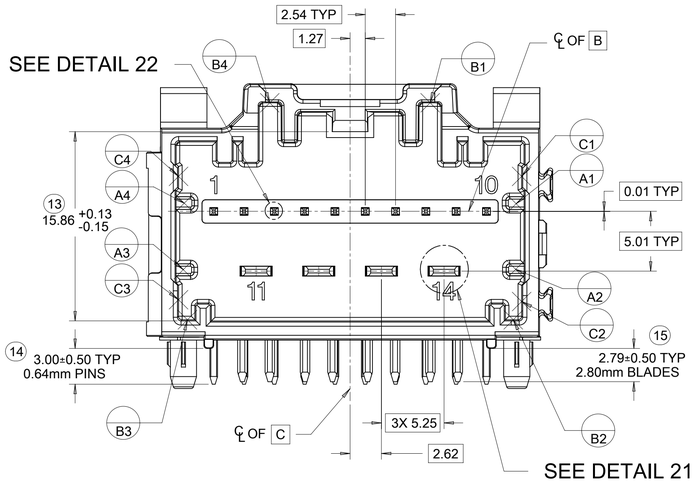
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SD-34708-400	PSD	001	P1

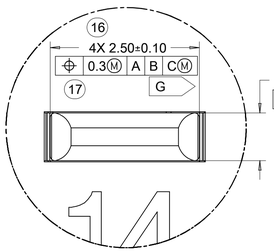
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34708		GENERAL MARKET	3 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18 01:49:26

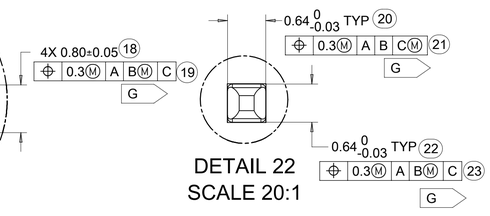
TABLE OF CONTENTS	
4	8-20CKT 0.64MM HEADER DETAILS, 14CKT HYBRID HEADER DETAILS, 10CKT HYBRID HEADER DETAILS

14 CKT HYBRID HEADER DETAILS

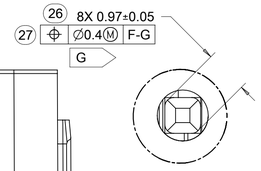




DETAIL 21
SCALE 20:1



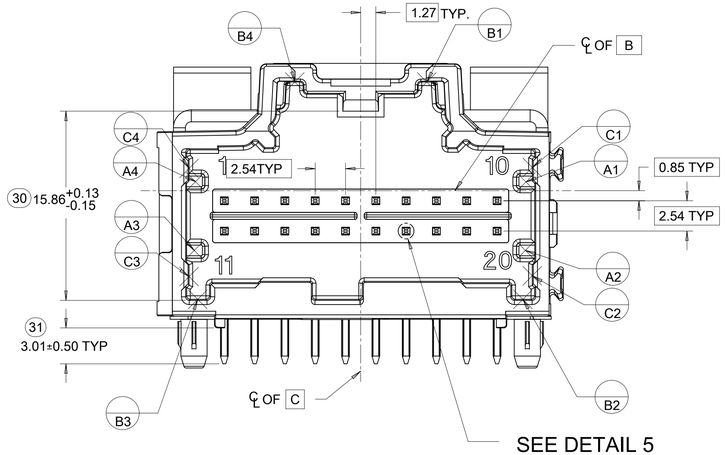
DETAIL 22
SCALE 20:1

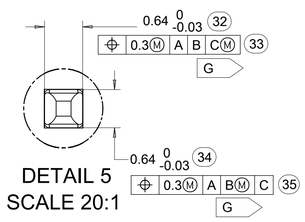


DETAIL 23
SCALE 15:1

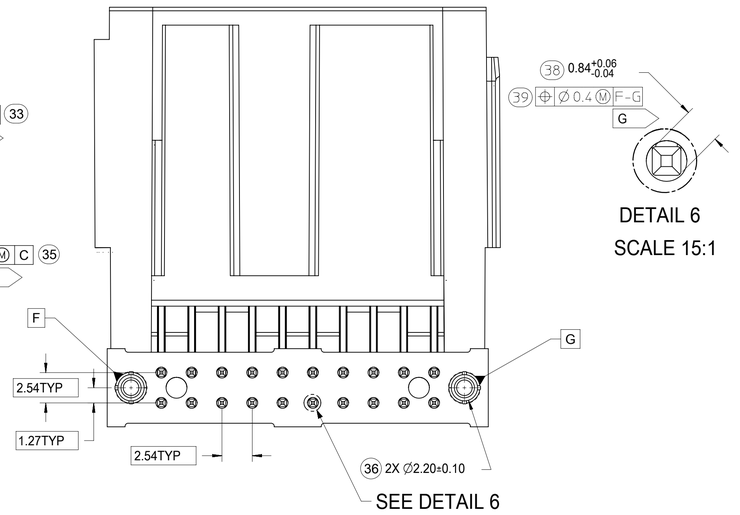
DETAIL 24
SCALE 15:1

8-20CKT STAC 0.64mm HEADER DETAILS



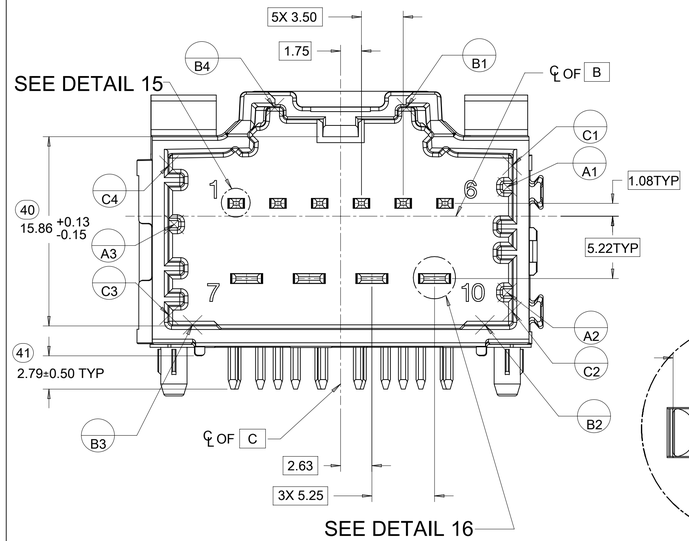


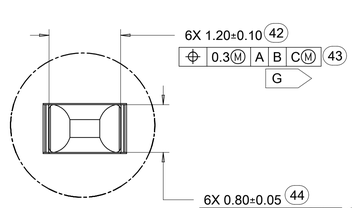
DETAIL 5
SCALE 20:1



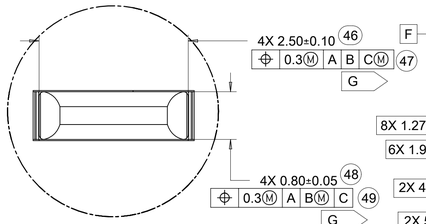
DETAIL 6
SCALE 15:1

10CKT STAC HYBRID HEADER DETAILS

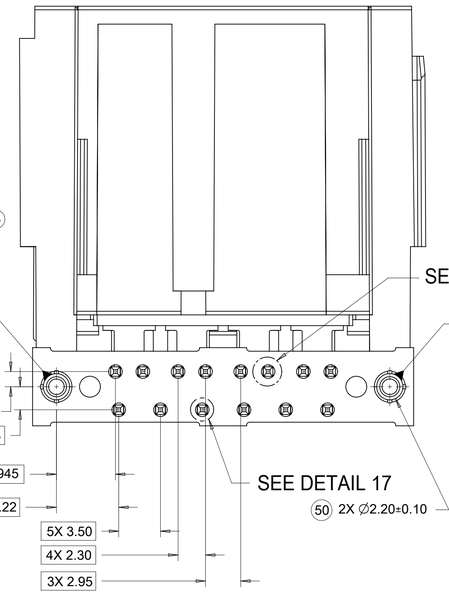


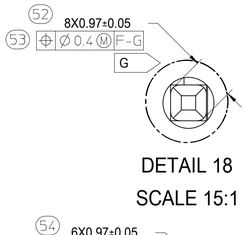


DETAIL 15
SCALE 20:1

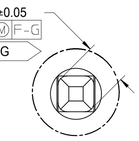


DETAIL 16
SCALE 20:1





DETAIL 18
SCALE 15:1



DETAIL 17
SCALE 15:1

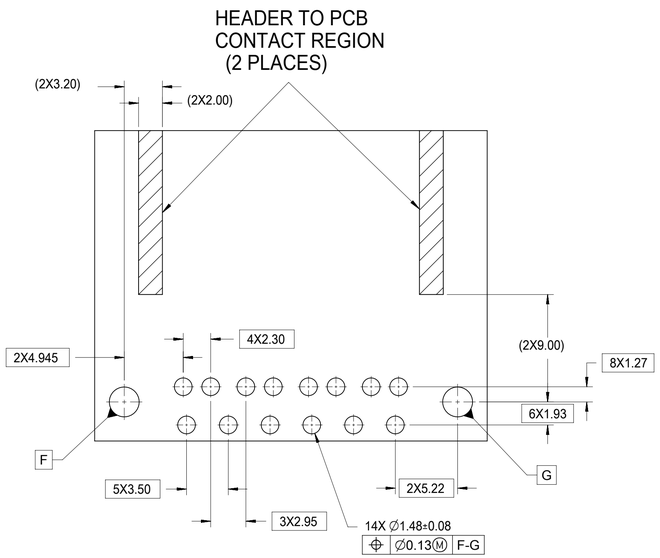
FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
FA = 0	DIMENSION UNITS: mm	SCALE: 4:1	CURRENT REV DESC:	molex
FC = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
FP = 0	ANGULAR TOL ± 1.0 °		EC NO: 660202	
DIVISIONAL SYMBOLS	4 PLACES ±		DRWN: CZHANG118 2021/02/04	PRODUCT CUSTOMER DRAWING
	3 PLACES ±		CHK'D: CZHANG118 2021/04/09	
	2 PLACES ± 0.13		APPR: JDENG02 2021/05/18	
	1 PLACE ± 0.25		INITIAL REVISION:	DOCUMENT NUMBER: SD-34708-400 / DOC TYPE: PSD / DOC PART: 001 / REVISION: P1
	0 PLACES ±		DRWN: VDANIELE 2008/11/14	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/11/14	
	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 34708	MATERIAL NUMBER / CUSTOMER: GENERAL MARKET / SHEET NUMBER: 4 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18 01:49:26

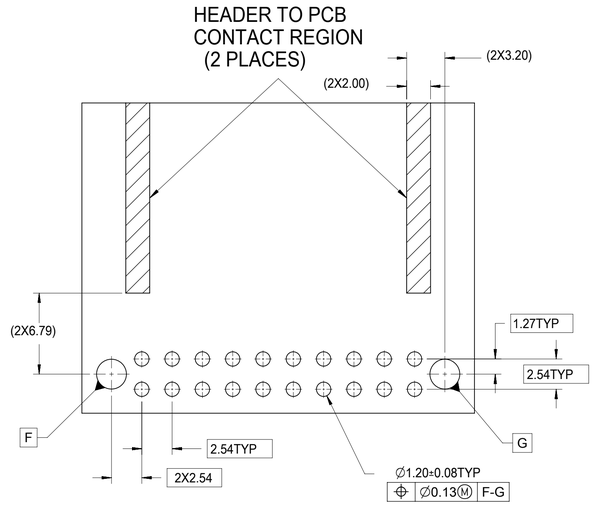
TABLE OF CONTENTS

5	RECOMMENDED SINGLE PCB LAYOUT FOR 10CKT HYBRID, 14CKT HYBRID, AND 8-20CKT 0.64MM

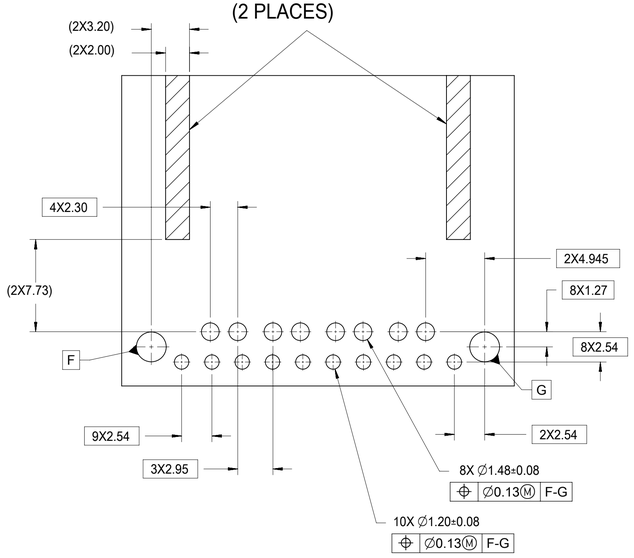
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20CKT 0.64mm TEMPLATE PCB LAYOUT



14 CKT HYBRID TEMPLATE PCB LAYOUT



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
FF = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 660202
DRWN: CZHANG118 2021/02/04
CHK'D: CZHANG118 2021/04/09
APPR: JDENG02 2021/05/18

INITIAL REVISION:
DRWN: VDANIELE 2008/11/14
APPR: SMARCEAU 2008/11/14

molex

4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34708-400	PSD	001	P1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34708		GENERAL MARKET	5 OF 5

DOCUMENT STATUS	P1	RELEASE DATE	2021/05/18 01:49:26

Unikeyic Electronics

Global Electronic Components Distributor

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0190690033 152670251 152670269 430450225 447691602 190990010 397730002 447641402
760475001 190670071 0190700155 151660057 398800403 430451220 190690096 439151216
447642001 759001161 190730231 417920538 5046940301 0436400901 0436802002 152660117
444280402 151670255 152670357 190990009 436803002 459705185