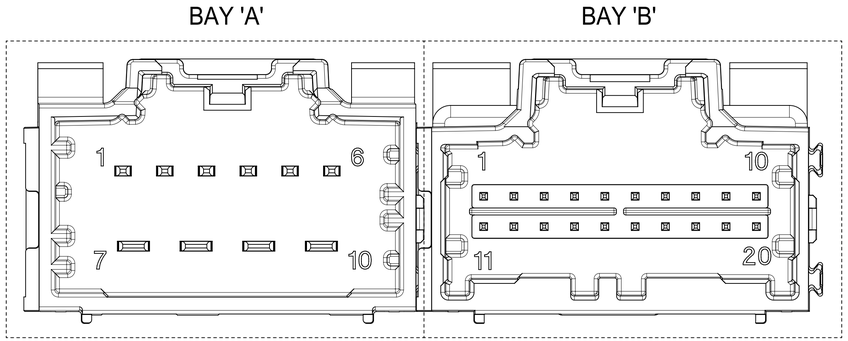
DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

PART NUMBER (TUBE PKG)	PART NUMBER (TRAY PKG)	BAY A			BAY B			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
		CKT	TYPE	POL	CKT	TYPE	POL				
34707-7000	34707-2000	20	0.64mm	A	20	0.64mm	B	66.94	64.47	27.94	27.94
TBD	34707-2001	20	0.64mm	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34707-2002	20	0.64mm	C	20	0.64mm	D	66.94	64.47	27.94	27.94
TBD	34707-2003	20	0.64mm	C	20	0.64mm	A	66.94	64.47	27.94	27.94
TBD	34707-2004	12	0.64mm	A	20	0.64mm	A	56.78	54.31	17.78	27.94
TBD	34707-2005	12	0.64mm	A	10	HYBRID	A	56.78	54.31	17.78	27.94
TBD	34707-2006	12	0.64mm	B	10	HYBRID	A	56.78	54.31	17.78	27.94
TBD	34707-2007	10	HYBRID	A	20	0.64mm	B	66.94	64.47	27.94	27.94
34707-7012	34707-2012	10	HYBRID	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34707-2022	20	0.64mm	C	10	HYBRID	A	66.94	64.47	27.94	27.94
TBD	34707-2023	20	0.64mm	A	20	0.64mm	D	66.94	64.47	27.94	27.94
TBD	34707-2030	10	HYBRID	B	10	HYBRID	A	66.94	64.47	27.94	27.94
TBD	34707-2040	12	0.64mm	A	12	0.64mm	B	46.62	44.15	17.78	17.78
TBD	34707-2050	20	0.64mm	A	16	0.64mm	A	61.86	59.39	27.94	22.86
TBD	34707-2060	20	0.64mm	A	12	0.64mm	A	56.78	54.31	27.94	17.78
TBD	34707-2070	16	0.64mm	A	8	0.64mm	C	46.62	44.15	22.86	12.70
34707-7080	34707-2080	12	0.64mm	A	20	0.64mm	B	56.78	54.31	17.78	27.94
TBD	34707-2090	16	0.64mm	A	16	0.64mm	B		54.31		

2 BAY STAC64 VERTICAL HEADER ASSEMBLY (P/N: 34707-2012 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

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

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)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF
COLORS:
POL A - BLACK
POL B - GRAY
POL C - BROWN
POL D - GREEN

b. 0.64mm PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:
BASE MATERIAL: C19400
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-34690-100
10 CKT HYBRID: SD-34695-100
14 CKT HYBRID: SD-34772-200

SYMBOLS	
A = 0	
C = 0	
P = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
= 0	

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

INITIAL REVISION:
DRWN: MBAILEY 2008/08/14
APPR: SMARCEAU 2008/08/14

molex

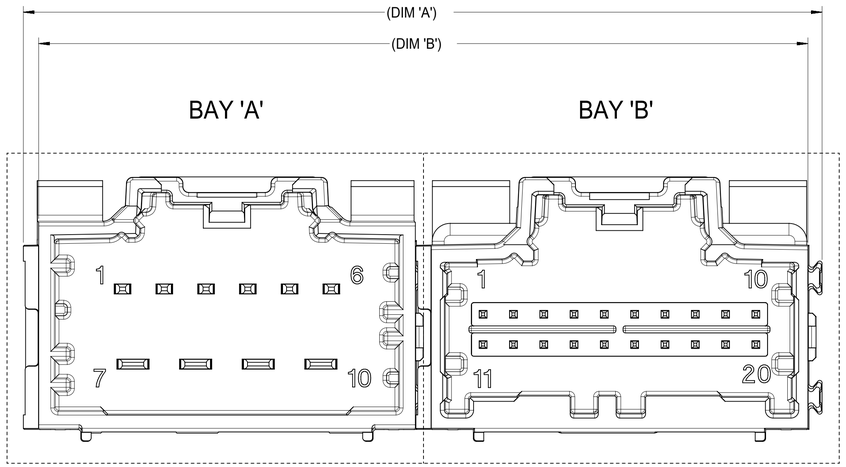
2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

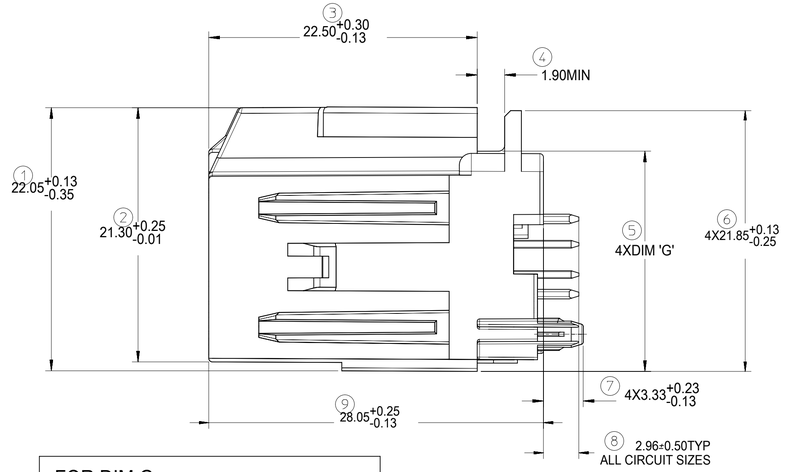
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-200	PSD	001	K7

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34707	SEE TABLE	GENERAL MARKET	1 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:56

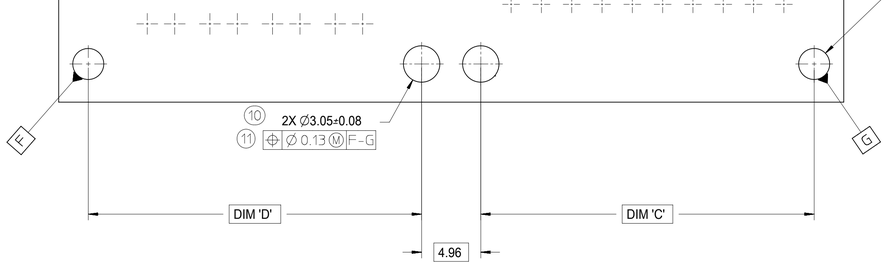




FOR DIM G:	
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAY'S USING THE CHART ON SHEET 1.



POST HOLE TABLE:

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

SYMBOLS	
F =	0
E =	0
F =	0
S =	0
=	0
C =	0
=	0
=	0
=	0

DIMENSION UNITS	mm
SCALE	4:1
GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL	± 3.0 °
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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

INITIAL REVISION:
DRWN: MBAILEY 2008/08/14
APPR: SMARCEAU 2008/08/14

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34707

molex

2-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

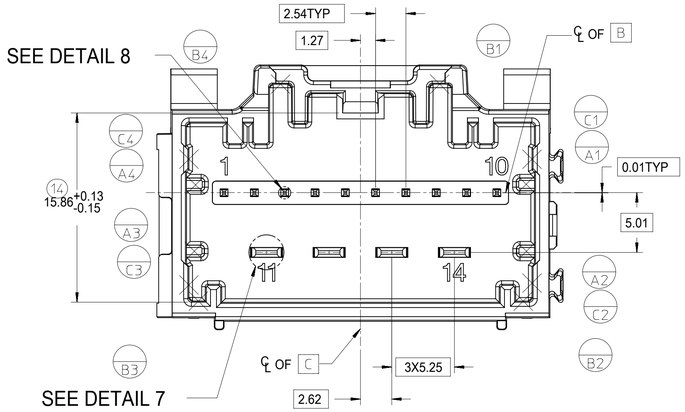
PRODUCT CUSTOMER DRAWING

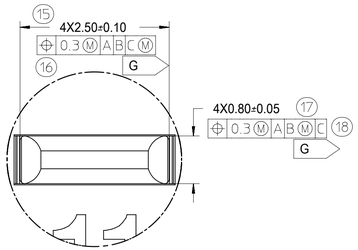
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-200	PSD	001	K7

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

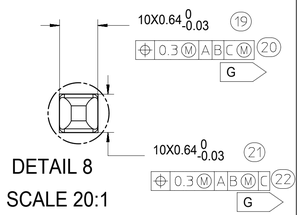
DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:56

14CKT STAC HYRBID HEADER DETAILS

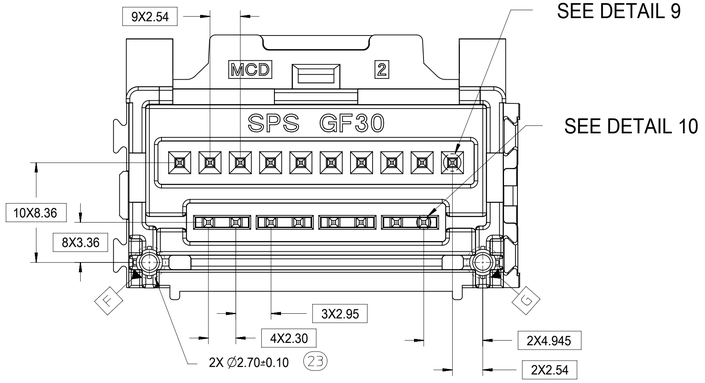


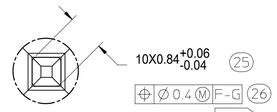


DETAIL 7
SCALE 20:1



DETAIL 8
SCALE 20:1

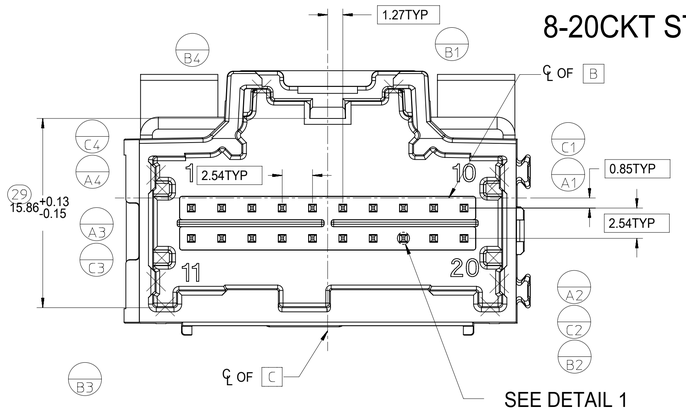


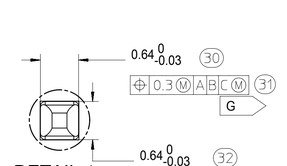


DETAIL 9
SCALE 15:1

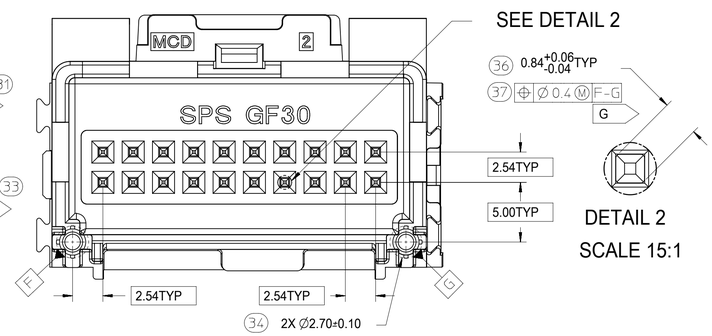
DETAIL 10
SCALE 15:1

8-20CKT STAC 0.64mm HEADER DETAILS



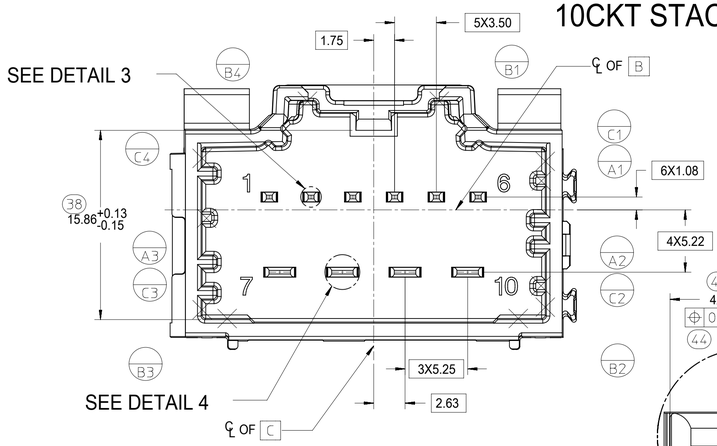


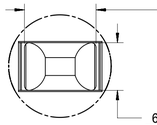
DETAIL 1
SCALE 20:1



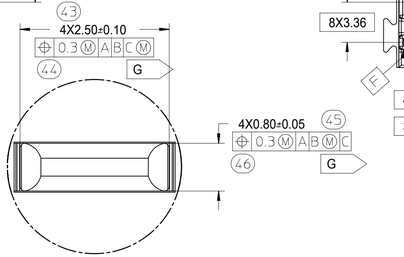
DETAIL 2
SCALE 15:1

10CKT STAC HYRBID HEADER DETAILS

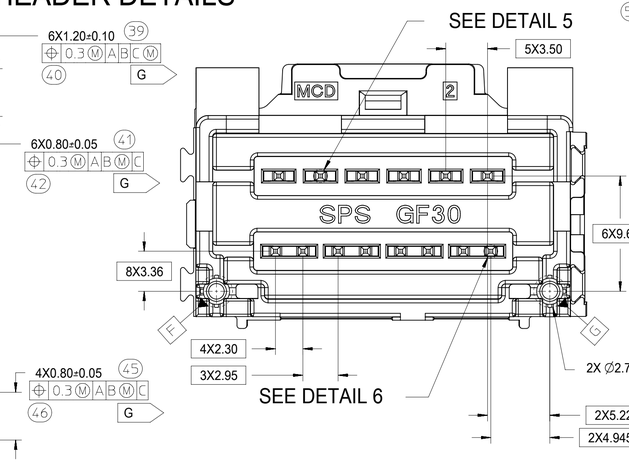


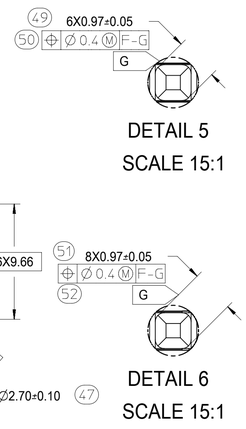


DETAIL 3
SCALE 20:1



DETAIL 4
SCALE 20:1





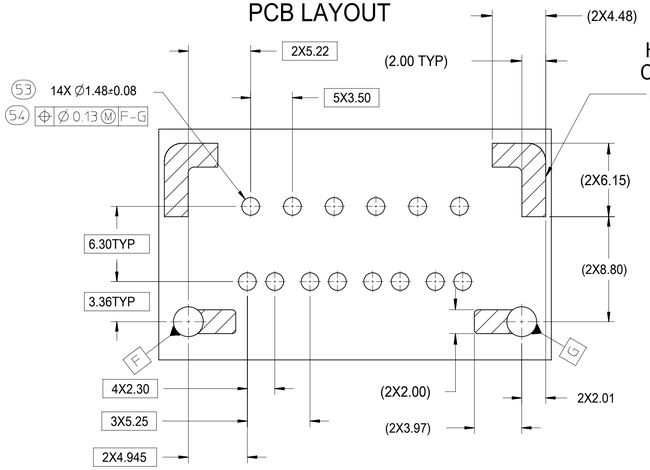
DETAIL 5
SCALE 15:1

DETAIL 6
SCALE 15:1

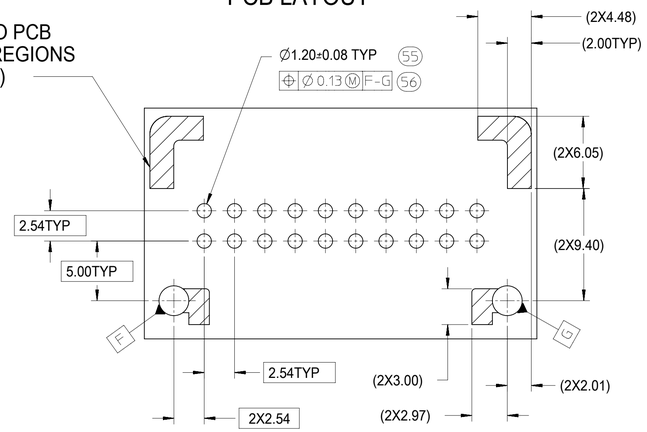
DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:56

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
F A = 0	DIMENSION UNITS: mm	SCALE: 4:1	CURRENT REV DESC:	molex	
F C = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING	
F B = 0	ANGULAR TOL ± 3.0 °		EC NO: 612618		
S = 0	4 PLACES ±		DRWN: SHANDITHAVAL 2019/02/22		
▼ = 0	3 PLACES ±		CHK'D: RBAUMAN 2019/02/23	PRODUCT CUSTOMER DRAWING	
C = 0	2 PLACES ± 0.13		APPR: RBAUMAN 2019/02/23		
☒ = 0	1 PLACE ± 0.25		INITIAL REVISION:	DOCUMENT NUMBER: SD-34707-200	DOC TYPE: PSD / DOC PART: 001 / REVISION: K7
■ = 0	0 PLACES ±		DRWN: MBAILEY 2008/08/14		
V = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2008/08/14		
	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 34707	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET / SHEET NUMBER: 3 OF 4

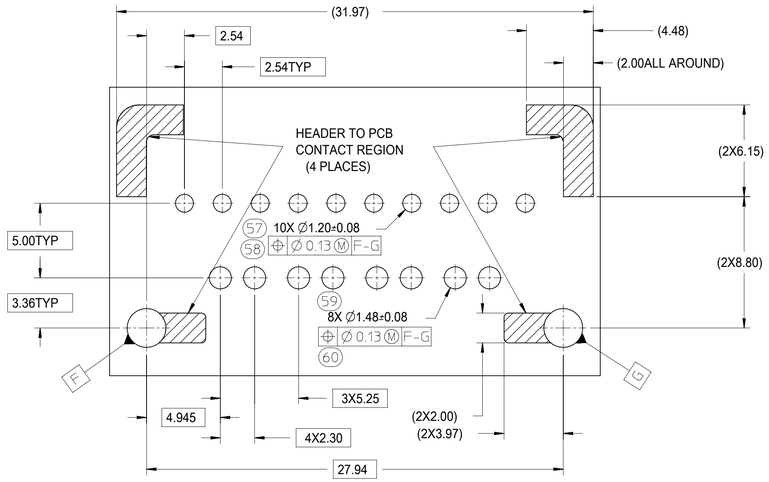
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



14 CKT HYBIRD TEMPLATE PCB LAYOUT



SYMBOLS	
FA	= 0
FC	= 0
FB	= 0
S	= 0
	= 0
C	= 0
	= 0
	= 0
	= 0

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

INITIAL REVISION:
DRWN: MBAILEY 2008/08/14
APPR: SMARCEAU 2008/08/14

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34707

molex

2-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-200	PSD	001	K7

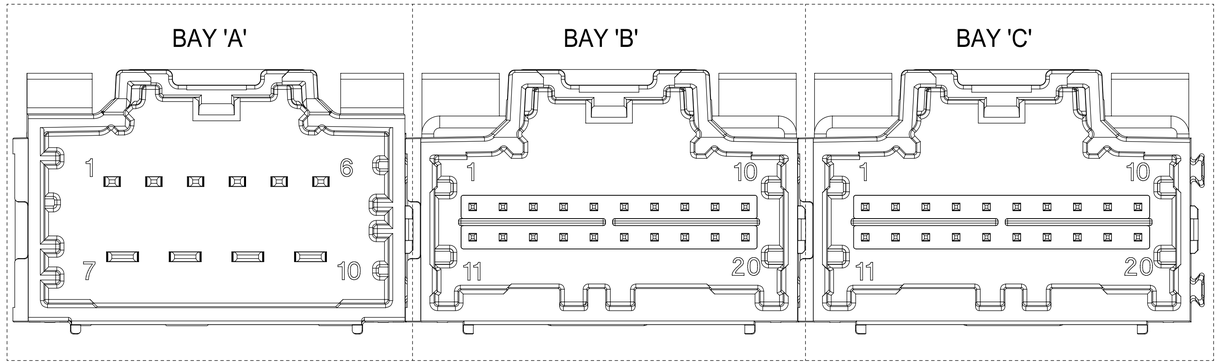
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:56

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

PART NUMBER (TUBE PKG)	PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'
		CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL					
TBD	34707-3010	20	0.64mm	A	8	0.64mm	A	16	0.64mm	A	79.52	77.05	22.86	12.70	27.94
TBD	34707-3020	16	0.64mm	B	8	0.64mm	B	20	0.64mm	B	79.52	77.05	27.94	12.70	22.86
TBD	34707-3021	10	HYBRID	A	20	0.64mm	C	20	0.64mm	D	99.84	97.37	27.94	27.94	27.94
TBD	34707-3030	12	0.64mm	A	20	0.64mm	C	20	0.64mm	D	89.68	87.21	27.94	27.94	17.78
TBD	34707-3040	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34707-3050	16	0.64mm	A	16	0.64mm	B	16	0.64mm	C	84.60	82.13	22.86	22.86	22.86
TBD	34707-3060	20	0.64mm	B	16	0.64mm	C	10	HYBRID	A	94.76	92.29	27.94	22.86	27.94
TBD	34707-3070	10	HYBRID	A	10	HYBRID	B	10	HYBRID	C	99.84	97.37	27.94	27.94	27.94
TBD	34707-3090	20	0.64mm	A	20	0.64mm	C	8	0.64mm	B	84.60	82.13	27.94	27.94	12.70
TBD	34707-3100	14	HYBRID	A	20	0.64mm	A	20	0.64mm	B	99.84	97.37	27.94	27.94	27.94

3-BAY STAC64 VERTICAL HEADER ASSEMBLY
(P/N: 34707-3021 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

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

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

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

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31300-892 (TRAY)
c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-31301-063 (TUBE)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF
COLOR:
POL A - BLACK
POL B - GRAY
POL C - BROWN
POL D - GREEN

b. 0.64mm PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:
BASE MATERIAL: C19400
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-34690-100
10 CKT HYBRID: SD-34695-100
14 CKT HYBRIDI SD-34772-200

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:58

SYMBOLS
E = 0
E = 0
E = 0
S = 0
= 0
C = 0
= 0
= 0
= 0

DIMENSION UNITS: mm
SCALE: 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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

INITIAL REVISION:
DRWN: JDUNAJ 2009/03/10
APPR: SMARCEAU 2009/03/11

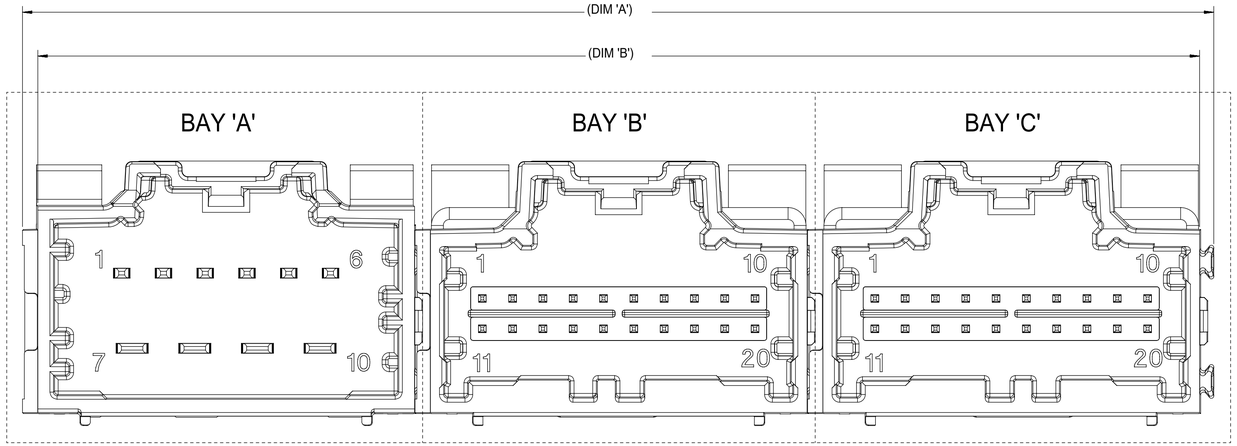
THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 34707
MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 1 OF 4

molex

3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

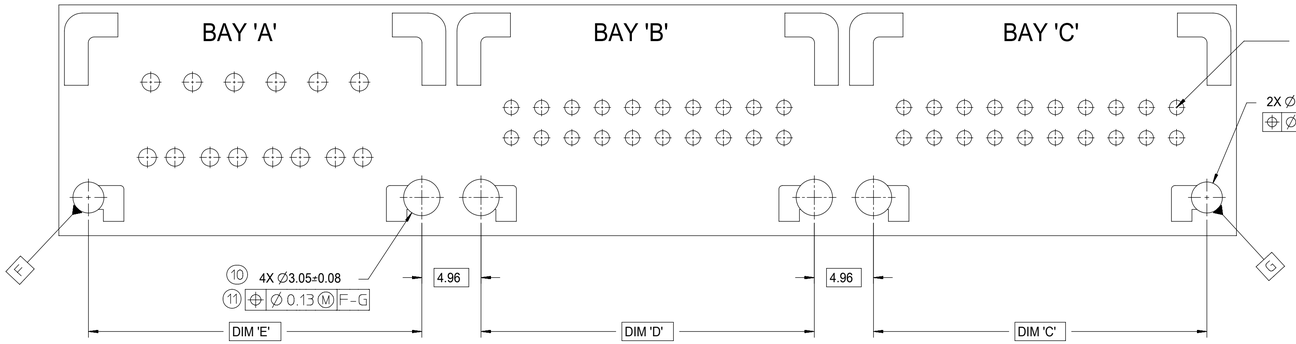
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-300	PSD	001	K2



RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAYS USING CHART ON SHEET 1

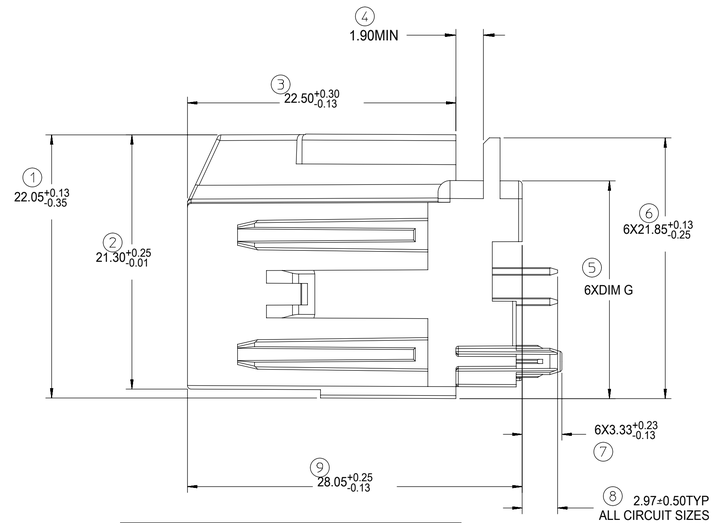


FOR PIN LOCATION,
REFER TO TEMPLATES ON SHEET 4

2X ∅Z±0.08 (12)
⌖ ∅0.13 Ⓜ F (13)

POST HOLE TABLE:

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



FOR DIM G:	
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

SYMBOLS	
F/A = 0	
F/C = 0	
F/P = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
= 0	

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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

INITIAL REVISION:
DRWN: JDUNAJ 2009/03/10
APPR: SMARCEAU 2009/03/11

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34707

molex

3-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

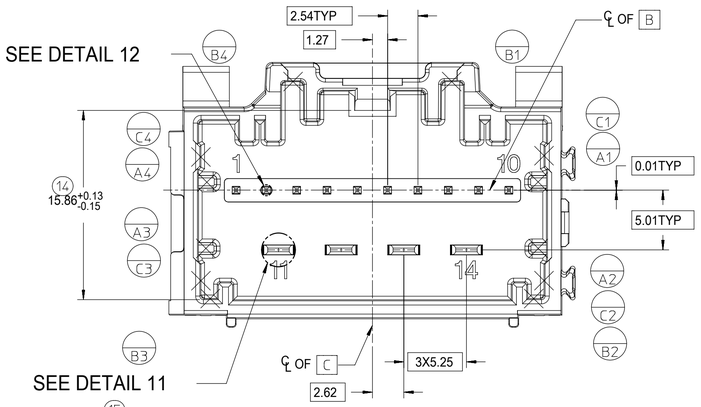
PRODUCT CUSTOMER DRAWING

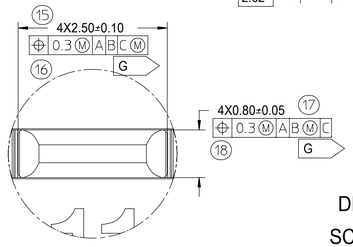
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-300	PSD	001	K2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

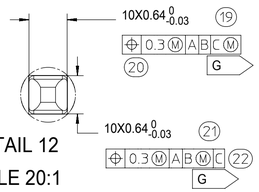
DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:58

14CKT STAC HYBRID HEADER DETIALS

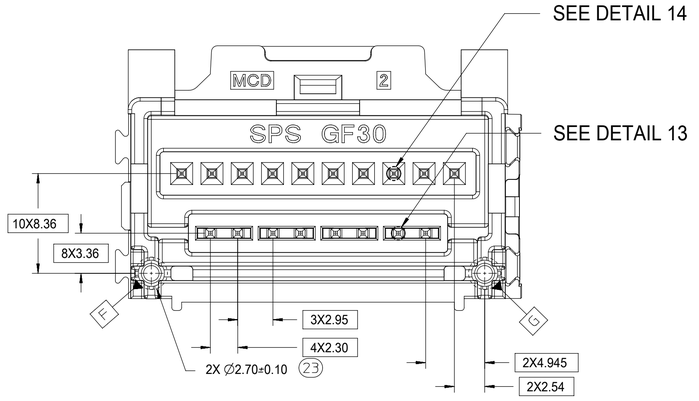


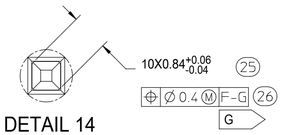


DETAIL 11
SCALE 20:1

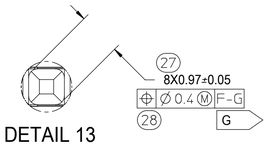


DETAIL 12
SCALE 20:1



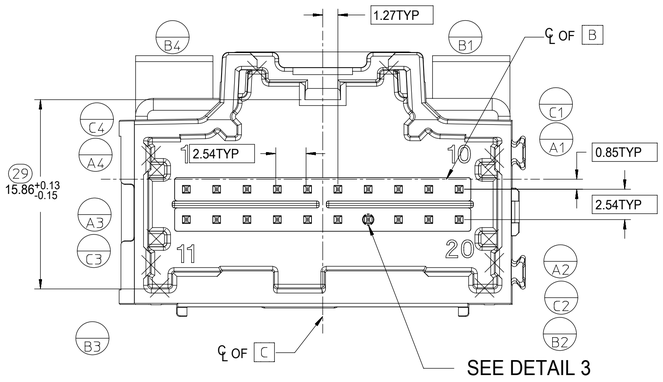


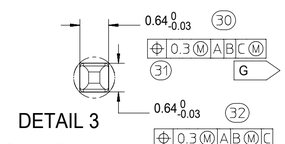
DETAIL 14
SCALE 15:1



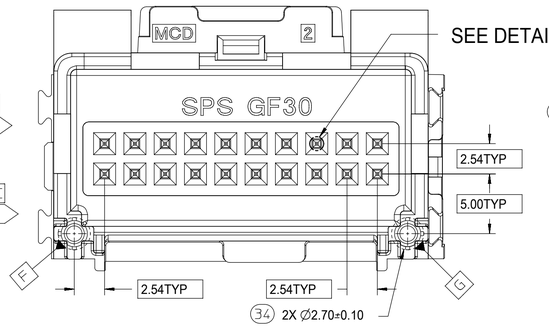
DETAIL 13
SCALE 15:1

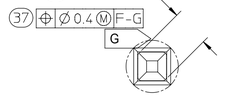
8-20CKT STAC 0.64mm HEADER DETIALS





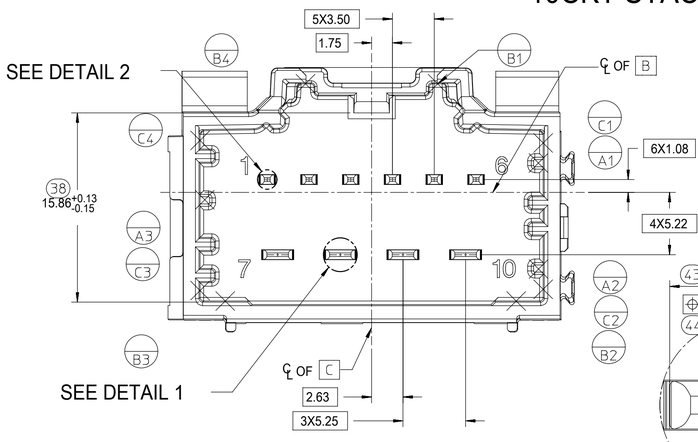
DETAIL 3
SCALE 15:1

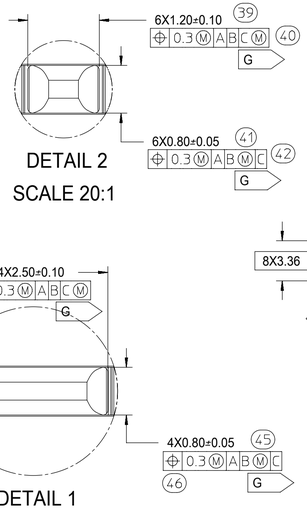




DETAIL 4
SCALE 15:1

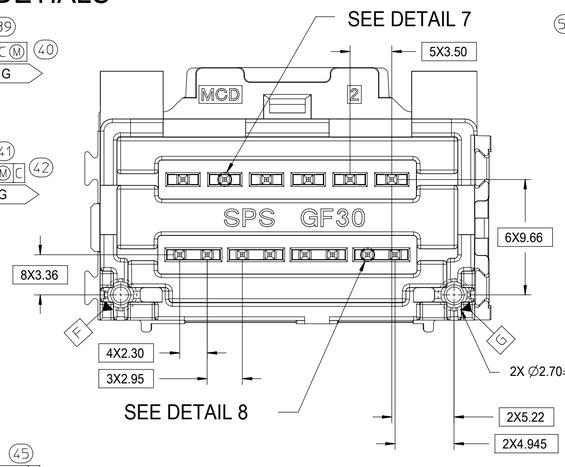
10CKT STAC HYBRID HEADER DETIALS

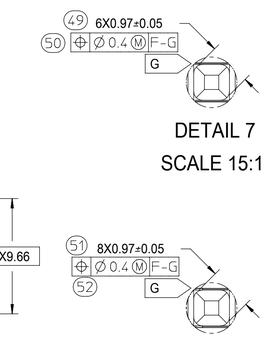




DETAIL 1
SCALE 20:1

DETAIL 2
SCALE 20:1





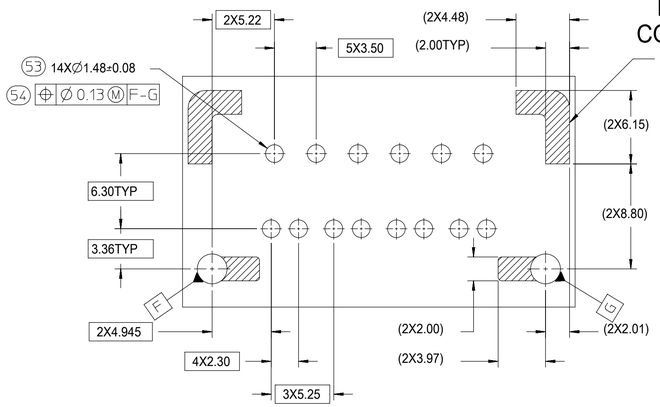
DETAIL 7
SCALE 15:1

DETAIL 8
SCALE 15:1

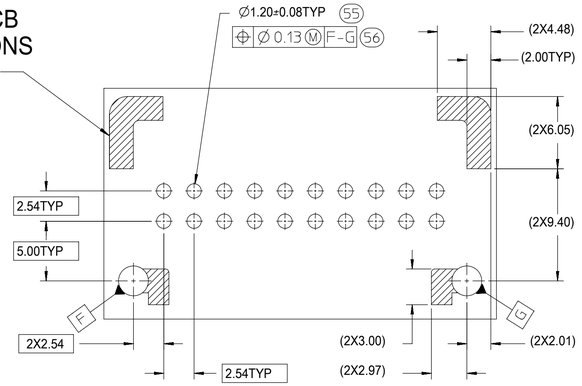
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
F = 0	DIMENSION UNITS: mm	SCALE: 4:1	CURRENT REV DESC:	molex	
E = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING	
F = 0	ANGULAR TOL ± 1.0 °		EC NO: 612618		
S = 0	4 PLACES ±		DRWN: SHANDITHAVAL 2019/02/22		
▼ = 0	3 PLACES ±		CHK'D: RBAUMAN 2019/02/23	PRODUCT CUSTOMER DRAWING	
C = 0	2 PLACES ± 0.13		APPR: RBAUMAN 2019/02/23		
☒ = 0	1 PLACE ± 0.25		INITIAL REVISION:	DOCUMENT NUMBER: SD-34707-300	DOC TYPE: PSD / DOC PART: 001 / REVISION: K2
■ = 0	0 PLACES ±		DRWN: JDUNAJ 2009/03/10		
V = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU 2009/03/11		
	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 34707	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET / SHEET NUMBER: 3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:58

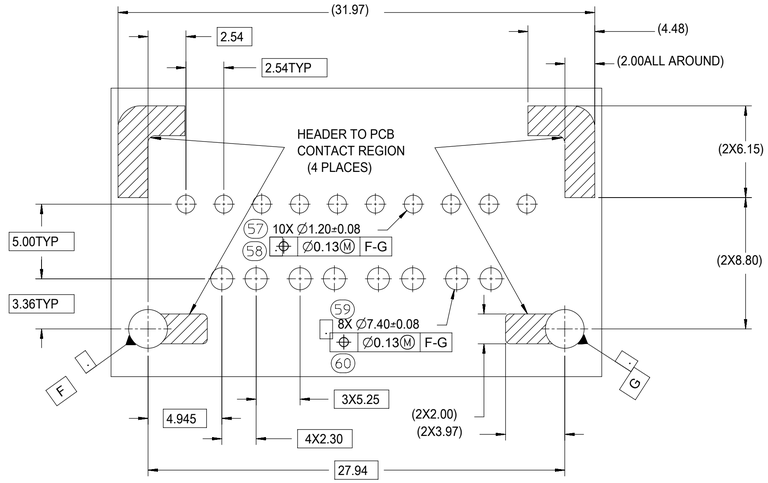
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



14 CKT HYBIRD TEMPLATE PCB LAYOUT



SYMBOLS	
A = 0	
E = 0	
F = 0	
S = 0	
B = 0	
C = 0	
X = 0	
M = 0	
V = 0	

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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

INITIAL REVISION:
DRWN: JDUNAJ 2009/03/10
APPR: SMARCEAU 2009/03/11

molex

3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-300	PSD	001	K2

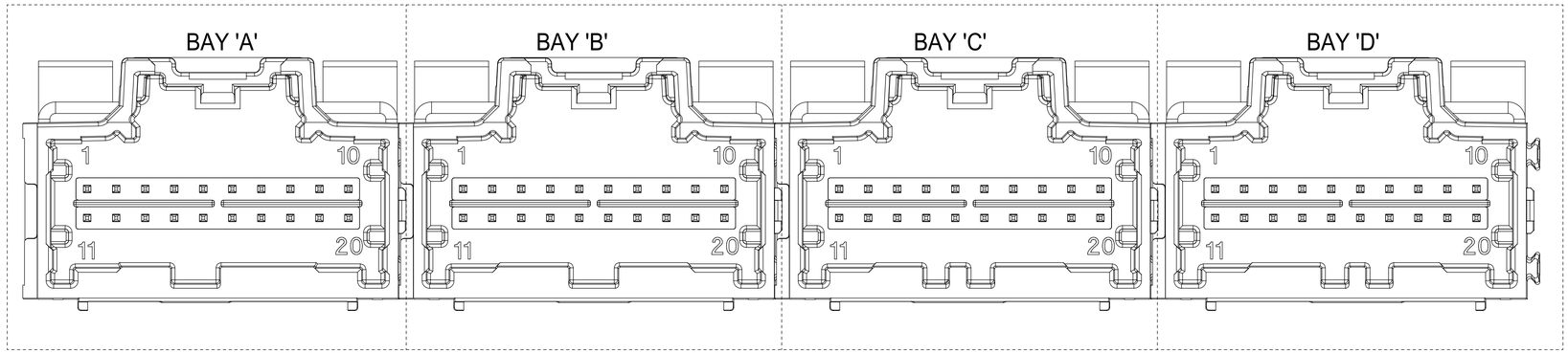
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34707	SEE TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:58

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

PART NUMBER (TUBE PKG)	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						
34707-9000	34707-4000	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	34707-4010	12	0.64mm	A	20	0.64mm	A	8	0.64mm	A	16	0.64mm	A	102.26	99.79	17.78	27.94	12.70	22.86
TBD	34707-4020	20	0.64mm	D	20	0.64mm	C	20	0.64mm	B	20	0.64mm	A	132.74	130.27	27.94	27.94	27.94	27.94

4 BAY STAC64 VERTICAL HEADER ASSEMBLY (P/N: 34707-4000 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

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

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)

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF

b. 0.64mm PINS:
BASE MATERIAL: C26000
PLATING TYPE: AS NOTED

1.50/2.80mm BLADES:
BASE MATERIAL: C19400
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-34690-100
10 CKT HYBRID: SD-34695-100
14 CKT HYBRID: SD-34772-200

SYMBOLS
= 0
= 0
= 0
= 0
= 0
= 0
= 0
= 0
= 0

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

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

molex

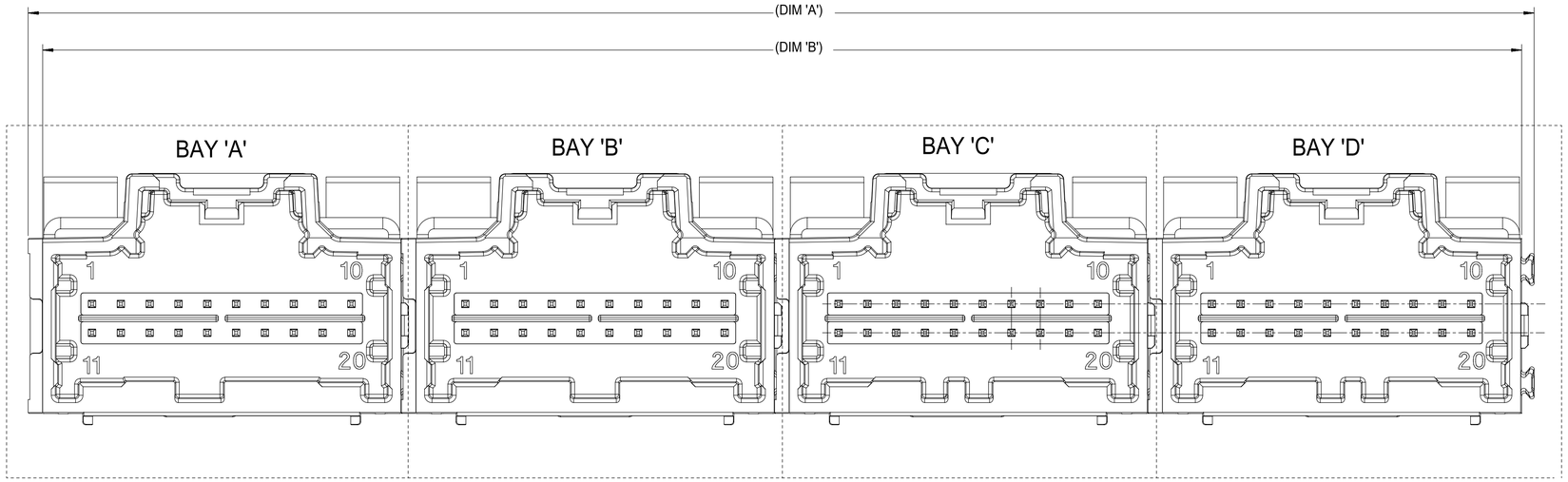
4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

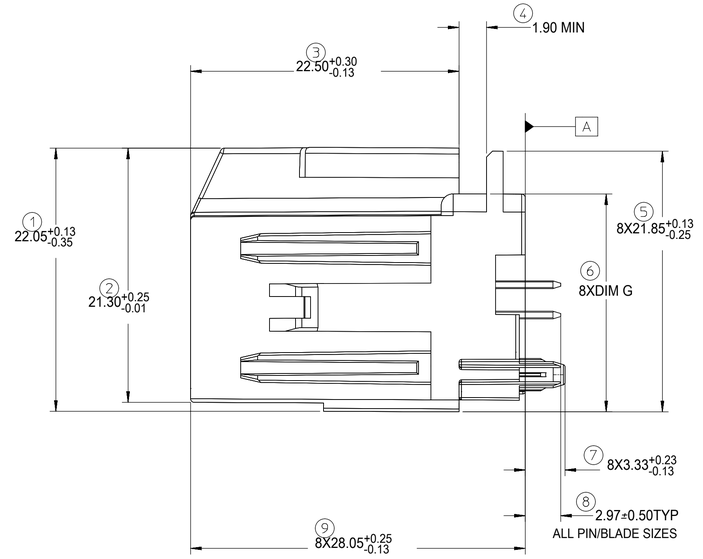
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-400	PSD	001	D9

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34707	SEE TABLE	GENERAL MARKET	1 OF 4

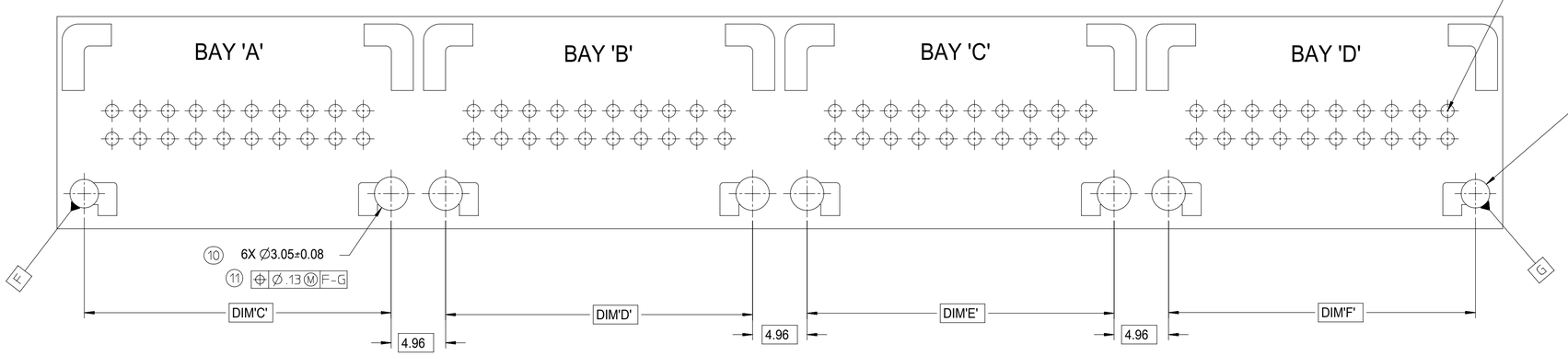
DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23	23:32:59





FOR DIM G:	
8-20CKT 0.64mm	18.40 MAX
10/14CKT Hybrid	18.59 MAX

RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAY'S USING THE CHART ON SHEET 1



POST HOLE TABLE

FOR DIM Z:	
PRESS FIT	2.60
DROP IN	3.05

SYMBOLS	
F =	0
E =	0
B =	0
S =	0
=	0
C =	0
=	0
=	0
=	0

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	±	3.0 °
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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

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

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34707

molex

4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

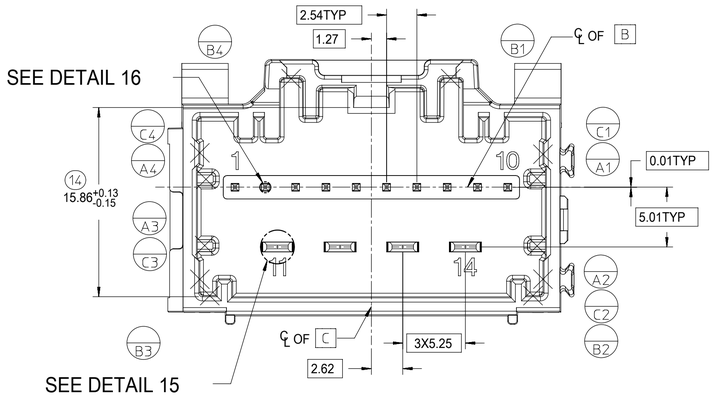
PRODUCT CUSTOMER DRAWING

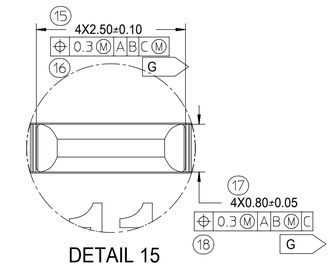
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-400	PSD	001	D9

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 4

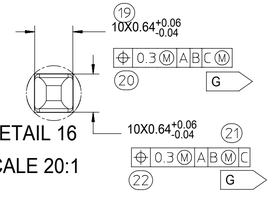
DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:59

14CKT STAC HYBRID HEADER DETAILS

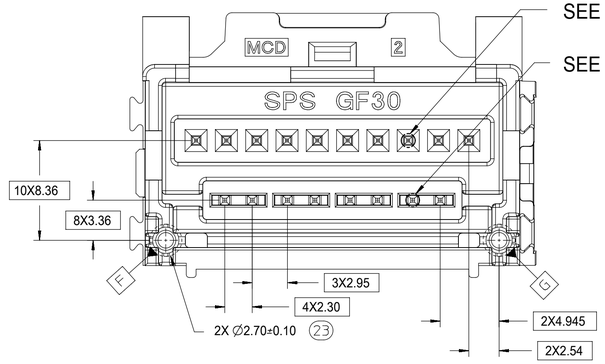


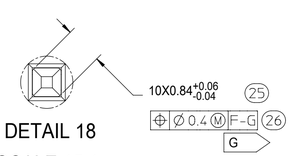


DETAIL 15
SCALE 20:1

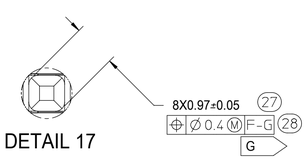


DETAIL 16
SCALE 20:1



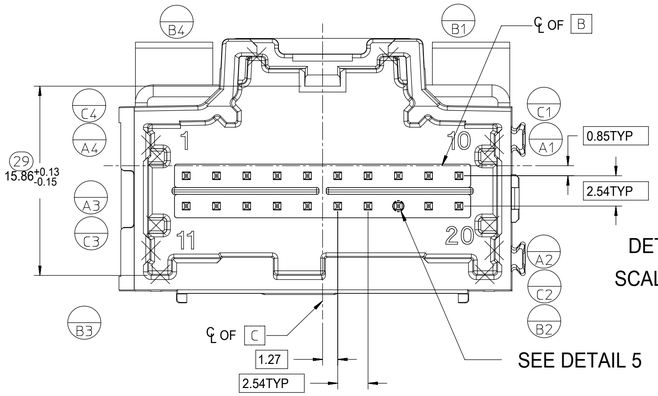


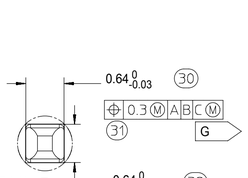
DETAIL 18
SCALE 15:1



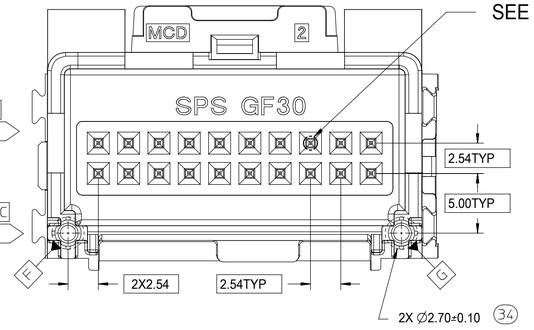
DETAIL 17
SCALE 15:1

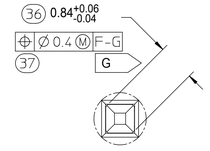
8-20CKT STAC 0.64mm HEADER DETAILS





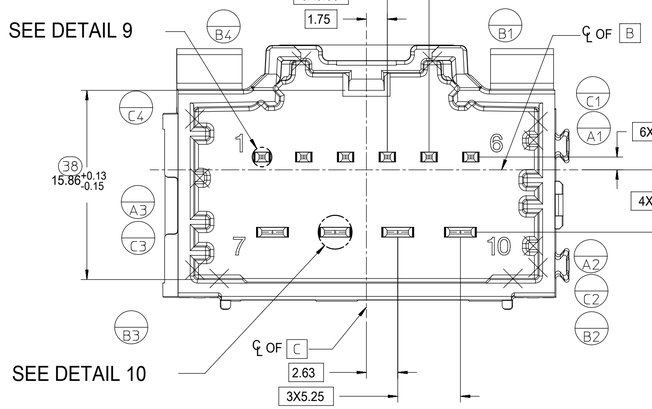
DETAIL 5
SCALE 20:1

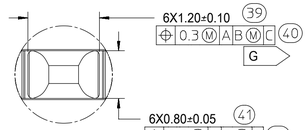




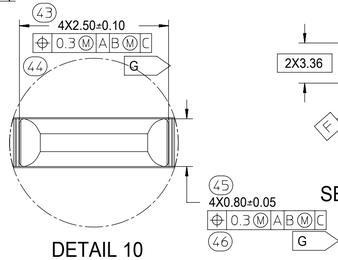
DETAIL 6
SCALE 15:1

10CKT STAC HYBRID HEADER DETAILS

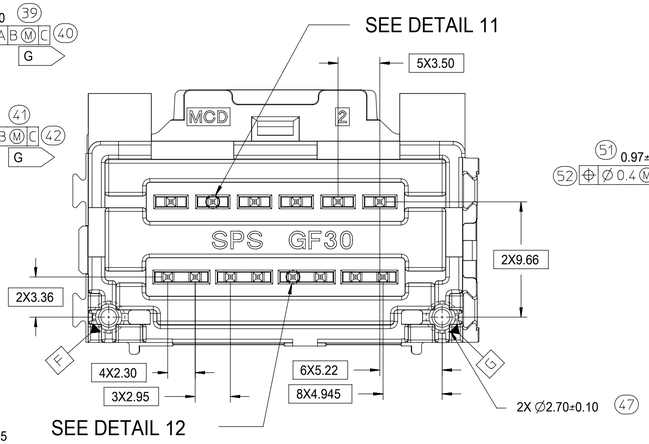


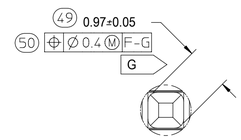


DETAIL 9
SCALE 20:1

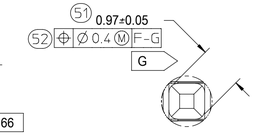


DETAIL 10
SCALE 20:1





DETAIL 11
SCALE 15:1

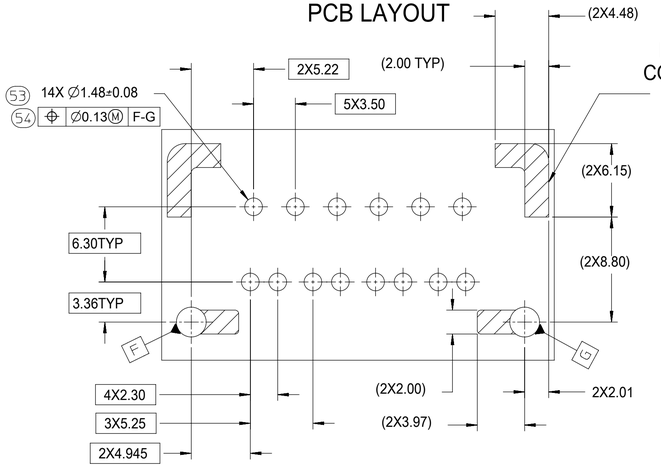


DETAIL 12
SCALE 15:1

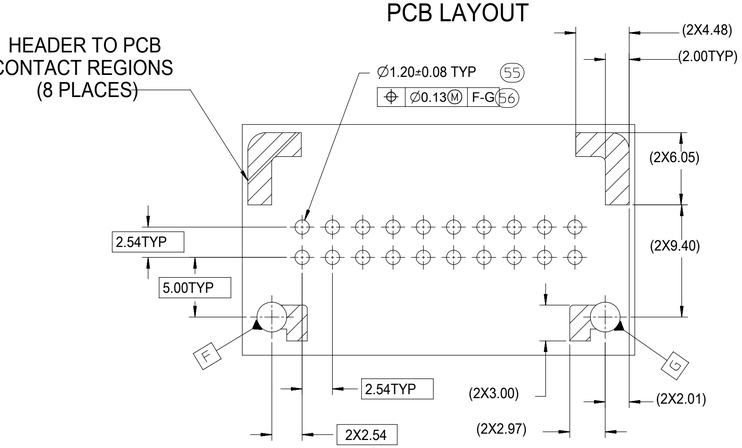
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
= 0	DIMENSION UNITS: mm	SCALE: 4:1	CURRENT REV DESC:		molex
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
= 0	ANGULAR TOL ± 3.0 °		EC NO: 612618		
= 0	4 PLACES ±		DRWN: SHANDITHAVAL	2019/02/22	PRODUCT CUSTOMER DRAWING
= 0	3 PLACES ±		CHK'D: RBAUMAN	2019/02/23	DOCUMENT NUMBER: SD-34707-400 | DOC TYPE: PSD | DOC PART: 001 | REVISION: D9
= 0	2 PLACES ± 0.13		APPR: RBAUMAN	2019/02/23	
= 0	1 PLACE ± 0.25		INITIAL REVISION:		
= 0	0 PLACES ±		DRWN: VDANIELE	2008/11/14	
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: SMARCEAU	2008/11/14	
= 0	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 34707	MATERIAL NUMBER: SEE TABLE	CUSTOMER: GENERAL MARKET | SHEET NUMBER: 3 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:59

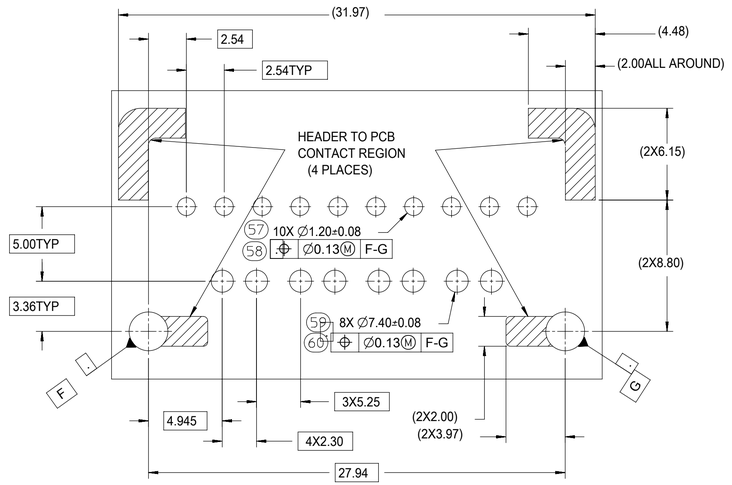
10 CKT HYBRID TEMPLATE PCB LAYOUT



8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



14 CKT HYBIRD TEMPLATE PCB LAYOUT



SYMBOLS	
A = 0	
C = 0	
D = 0	
S = 0	
= 0	
C = 0	
= 0	
= 0	
V = 0	

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	3.0 °
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: 612618
DRWN: SHANDITHAVAL 2019/02/22
CHK'D: RBAUMAN 2019/02/23
APPR: RBAUMAN 2019/02/23

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

molex

4-BAY STAC64 VERTICAL
HEADER ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34707-400	PSD	001	D9

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	D-SIZE	34707	SEE TABLE	GENERAL MARKET	4 OF 4

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/23 23:32:59