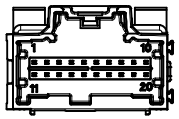
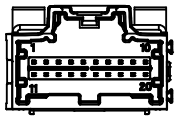
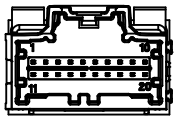


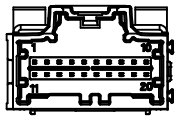
POLARIZATION OPTION A
P/N 34690-0200



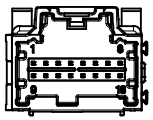
POLARIZATION OPTION B
P/N 34690-0201



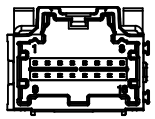
POLARIZATION OPTION C
P/N 34690-0202



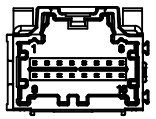
POLARIZATION OPTION D
P/N 34690-0203



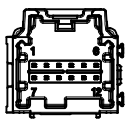
POLARIZATION OPTION A
P/N 34690-0160



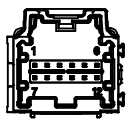
POLARIZATION OPTION B
P/N 34690-0161



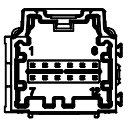
POLARIZATION OPTION C
P/N 34690-0162



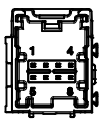
POLARIZATION OPTION A
P/N 34690-0120



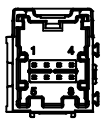
POLARIZATION OPTION B
P/N 34690-0121



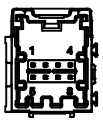
POLARIZATION OPTION C
P/N 34690-0122



POLARIZATION OPTION A
P/N 34690-0080



POLARIZATION OPTION B
P/N 34690-0081



POLARIZATION OPTION C
P/N 34690-0082

MATERIAL NUMBER		CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31300-892	TUBE PACKAGING PK-31301-063				
34690-0200	34690-9200	20	STAC64 VERTICAL HEADER ASSEMBLY	A	BLACK
34690-0201	34690-9201	20	STAC64 VERTICAL HEADER ASSEMBLY	B	GREY
34690-0202	34690-9202	20	STAC64 VERTICAL HEADER ASSEMBLY	C	BROWN
34690-0203	34690-9203	20	STAC64 VERTICAL HEADER ASSEMBLY	D	GREEN
34690-0160	34690-9160	16	STAC64 VERTICAL HEADER ASSEMBLY	A	BLACK
34690-0161	34690-9161	16	STAC64 VERTICAL HEADER ASSEMBLY	B	GREY
34690-0162	34690-9162	16	STAC64 VERTICAL HEADER ASSEMBLY	C	BROWN
34690-0120	34690-9120	12	STAC64 VERTICAL HEADER ASSEMBLY	A	BLACK
34690-0121	34690-9121	12	STAC64 VERTICAL HEADER ASSEMBLY	B	GREY
34690-0122	34690-9122	12	STAC64 VERTICAL HEADER ASSEMBLY	C	BROWN
34690-0080	34690-9080	8	STAC64 VERTICAL HEADER ASSEMBLY	A	BLACK
34690-0081	34690-9081	8	STAC64 VERTICAL HEADER ASSEMBLY	B	GREY
34690-0082	34690-9082	8	STAC64 VERTICAL HEADER ASSEMBLY	C	BROWN

NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:
POLARIZATION FEATURE EFFECTIVENESS = SEE PRODUCT SPECIFICATION
PIN RETENTION = USCAR-2 REV 4
SOLDERABILITY = SMES-152

b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:
SEE APPLICATION SPECIFICATION = AS-34729-020/AS-31408-100
SEE PRODUCT SPECIFICATION = PS-34729-020/PS-31408-100

c. PACKAGING SPECIFICATION: SEE CHART

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN - SPS 30%GF - 20% REGRIND MAX. BY WEIGHT

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

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

4. INTERFACE: USCAR
064-U-008-2-Z01
064-U-012-2-Z02
064-U-016-2-Z02
064-U-020-2-Z02
SOME CHAMFERS HAVE BEEN MODIFIED TO IMPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

UPDATED DIMENSIONS
EC NO: UAU2015-1697
DRWN: JFISCHER01 2015/05/14
CHKD:
APPR: RBAUMAN 2015/05/22
DESCRIPTION
REV
H6

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

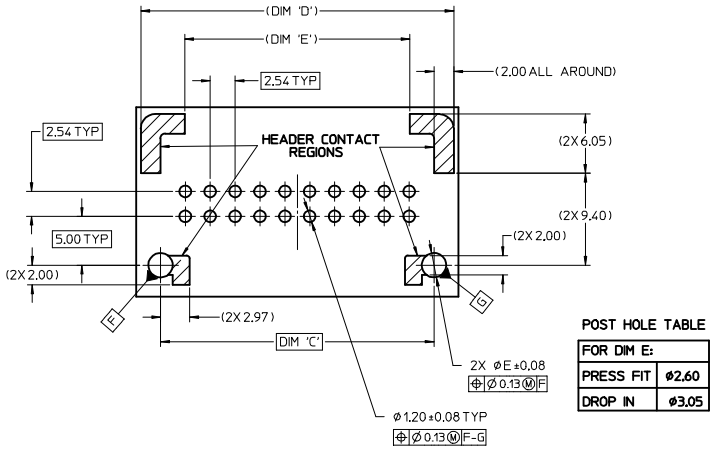
DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MBAILEY	10/02/06
CHECKED BY	CDILLON	04/18/07
APPROVED BY	SMARCEAU	2010/11/04

TITLE: STAC64 SINGLE BAY VERTICAL ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34690-100
SHEET NO.: 1 OF 2
SIZE: D

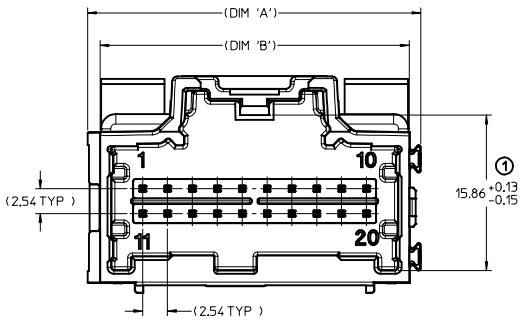
CKT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'
20	34.04	31.57	27.94	31.97	23.00
16	28.96	26.49	22.86	26.89	17.92
12	23.88	21.41	17.78	21.81	12.84
8	18.80	16.53	12.70	16.73	7.76

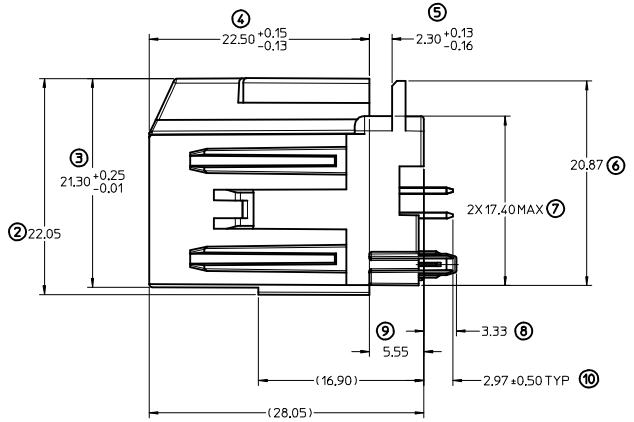
RECOMMENDED PCB LAYOUT



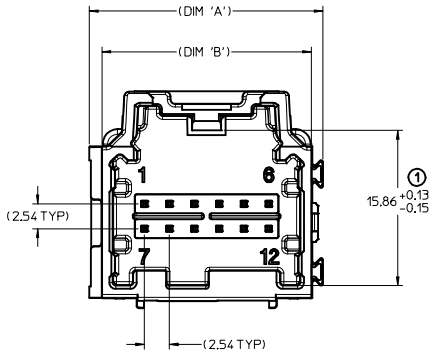
POST HOLE TABLE

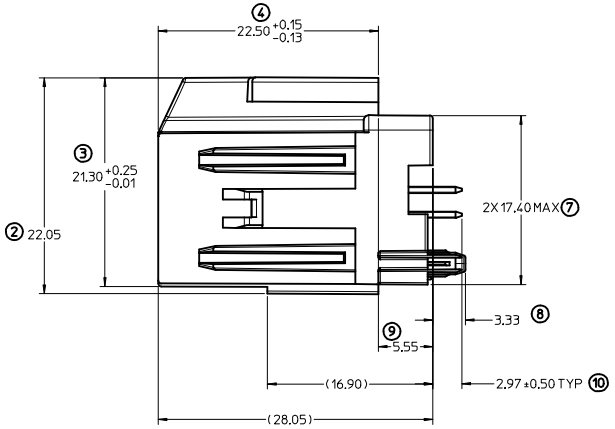
FOR DIM E:	
PRESS FIT	ø2.60
DROP IN	ø3.05





LAYOUT FOR 16 & 20 CKT. HEADERS
(20 CKT. OPTION 'A' SHOWN)





LAYOUT FOR 8 & 12 CKT. HEADERS
(12 CKT. OPTION 'A' SHOWN)

UPDATED DIMENSIONS
EC NO: UAU2015-1697 2015/05/14
DRWN: JFISCHER01 2015/05/22
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV H6

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

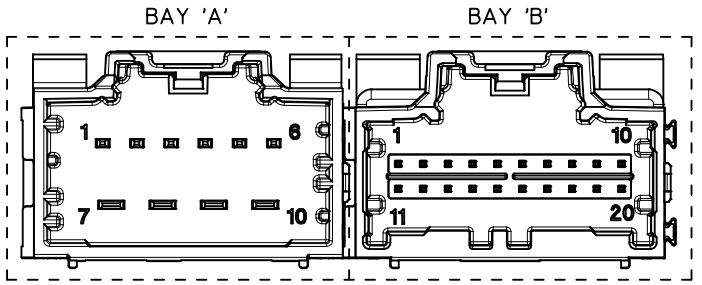
DRAWN BY: MBAILEY DATE: 10/02/06
CHECKED BY: CDILLON DATE: 04/18/07
APPROVED BY: SMARCEAU DATE: 2010/11/04
MATERIAL NO.: SEE CHART

TITLE: STAC64 SINGLE BAY VERTICAL ASSEMBLY SALES DRAWING
molex MOLEX INCORPORATED
DOCUMENT NO.: SD-34690-100
SHEET NO.: 2 OF 2
SIZE: D

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

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
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	56.78	54.31	22.86	22.86



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 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

1.50mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

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

5. INTERFACE: USCAR
064-U-008-2-Z01
064-U-012-2-Z02
064-U-016-2-Z02
064-U-020-2-Z02
SOME CHAMFERS HAVE BEEN MODIFIED TO IMRPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

ADDED POL COLOR
EC NO: UAU2015-1697 2015/05/14
DRWN: JFISCHER01 2015/05/22
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: K1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

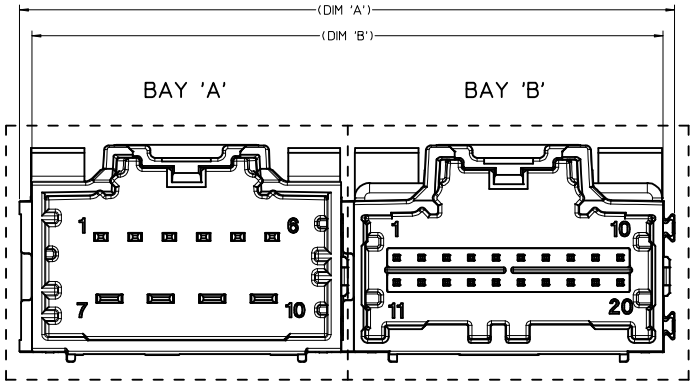
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

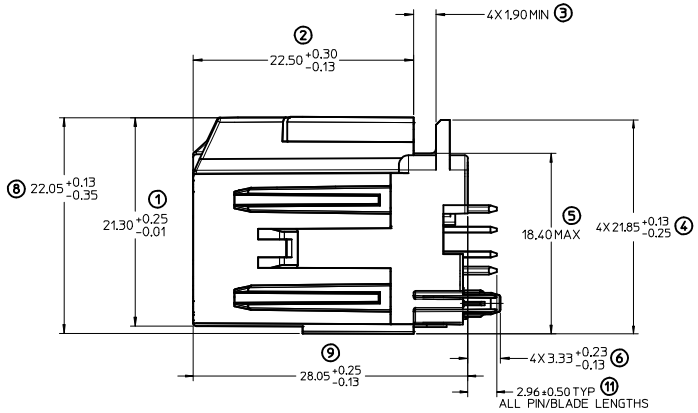
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	MBAILEY	9/04/2007
CHECKED BY	CDILLON	9/04/2007
APPROVED BY	SMARCEAU	2010/10/20

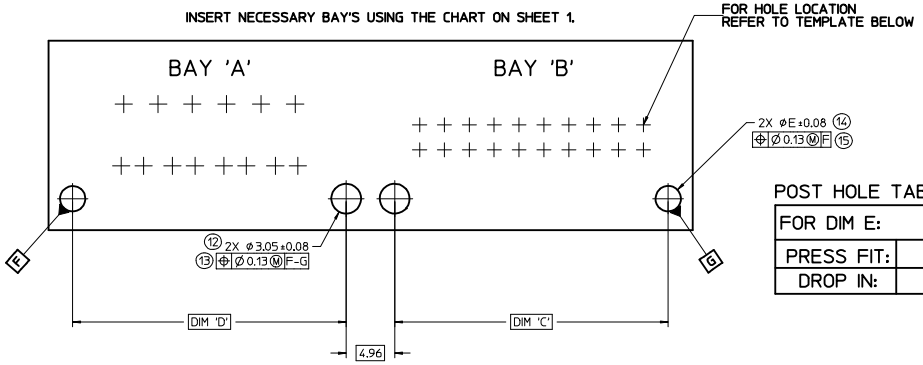
TITLE: 2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34707-200
SHEET NO.: 1 OF 3
SIZE: D





RECOMMENDED PCB LAYOUT

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



POST HOLE TABLE:

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

ADDED P/N,DIMS,TOL
EC NO: UAU2015-1697 2015/05/14
DRWN: JFISCHER01 2015/05/22
CH'KD:
APPR: RBAUMAN
DESCRIPTION
REV: K1

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

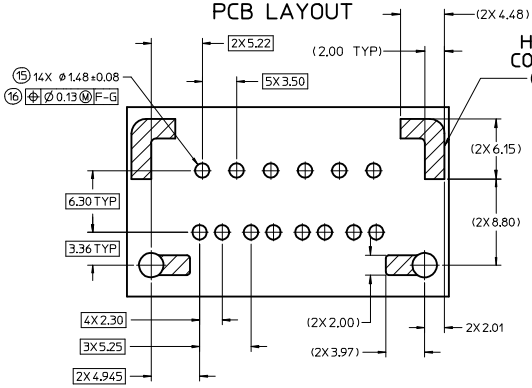
DRAWN BY: MBAILEY 9/04/2007
CHECKED BY: CDILLON 9/04/2007
APPROVED BY: SMARCEAU 2010/10/20

TITLE: 2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

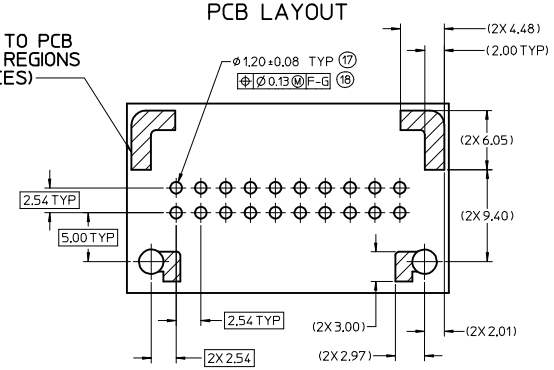
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34707-200
SHEET NO.: 2 OF 3
SIZE: D

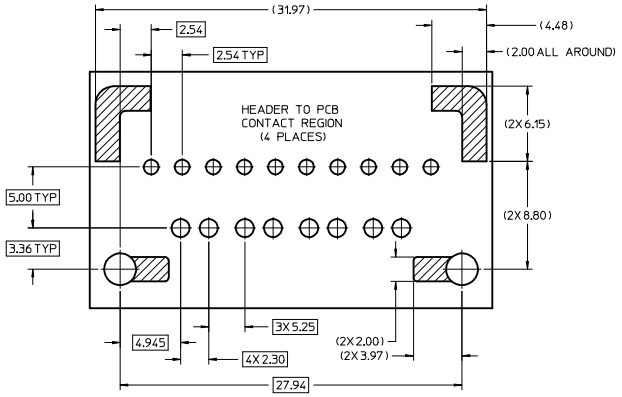
10 CKT HYBRID TEMPLATE PCB LAYOUT



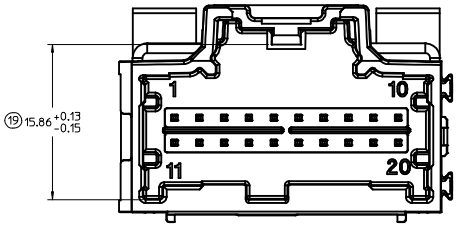
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



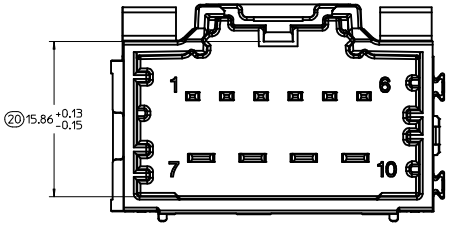
14 CKT HYBIRD TEMPLATE PCB LAYOUT



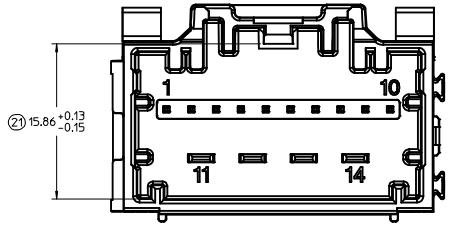
8-20 CKT 0.64mm INTERFACE



10 CKT HYBRID INTERFACE



14 CKT HYBRID INTERFACE



ENTER DESCRIPTION
EC NO: UAU2015-1697 2015/05/14
DRWN: JFISCHER01 2015/05/22
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: K1

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	±	±

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: MBAILEY 9/04/2007
CHECKED BY: CDILLON 9/04/2007
APPROVED BY: SMARCEAU 2010/10/20
MATERIAL NO.: SEE CHART

TITLE: 2-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

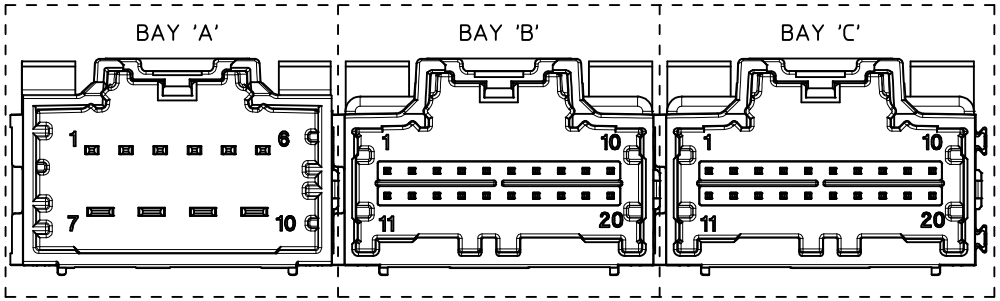
molex

DOCUMENT NO.: SD-34707-200
SHEET NO.: 3 OF 3
SIZE: D

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 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

1.50mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

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

5. INTERFACE: USCAR
064-U-008-2-Z01
064-U-012-2-Z02
064-U-016-2-Z02
064-U-020-2-Z02
SOME CHAMFERS HAVE BEEN MODIFIED TO IMRPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

REV	DESCRIPTION	
K	ADDED POL COLOR EC NO: UAU2015-1632 DRWN: JFISCHER01 CHKD: APPR: MKNACK	2015/05/01 2015/05/07

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

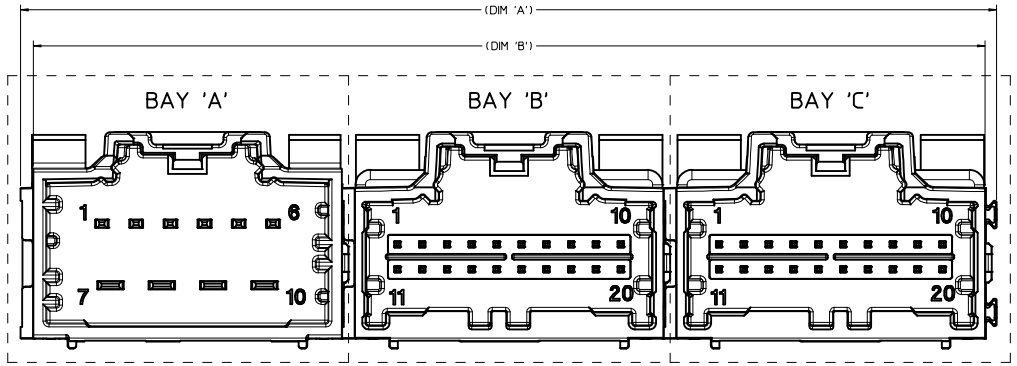
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

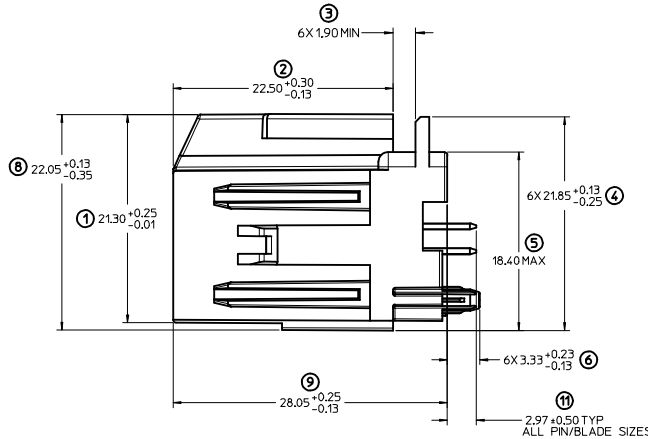
DRAWN BY: VDANIELE DATE: 9/05/2008
CHECKED BY: CDILLON DATE: 9/05/2008
APPROVED BY: SMARCEAU DATE: 2010/10/20

TITLE: 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

MOLEX INCORPORATED

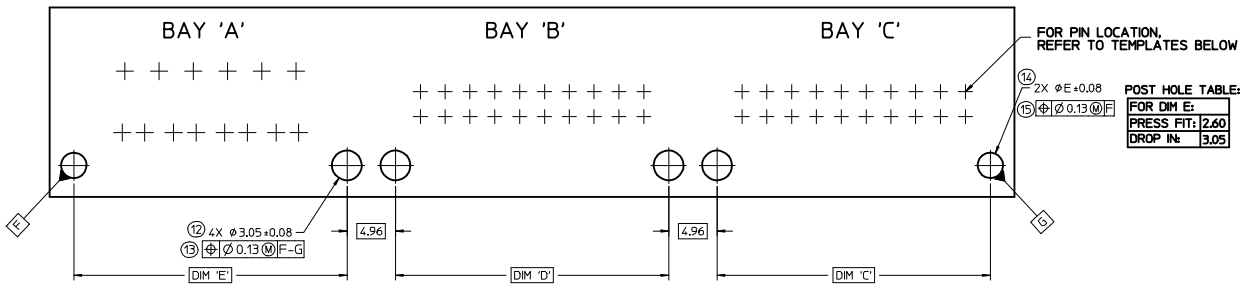
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34707-300
SHEET NO.: 1 OF 3
SIZE: D





RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAYS USING CHART ON SHEET 1



POST HOLE TABLE:

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

OK TO TOOL
EC NO: UAU2015-1632 2015/05/01
DRWN: FISCHER01 2015/05/07
CHKD:
APPR: MKNACK
REV K

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0,25	± ---
ANGULAR ± 1 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

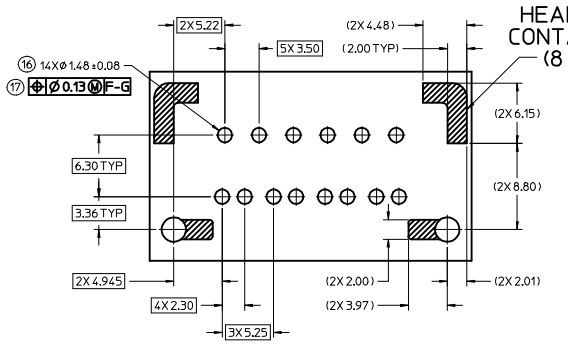
DRAWN BY: VDANIELE 9/05/2008
CHECKED BY: CDILLON 9/05/2008
APPROVED BY: SMARCEAU 2010/10/20

TITLE: 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

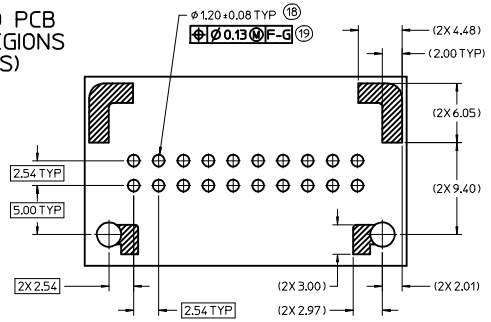
MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34707-300
SHEET NO.: 2 OF 3
SIZE: D

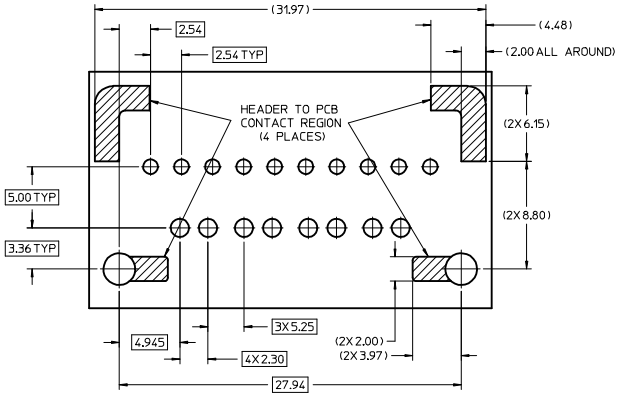
10 CKT HYBRID TEMPLATE PCB LAYOUT



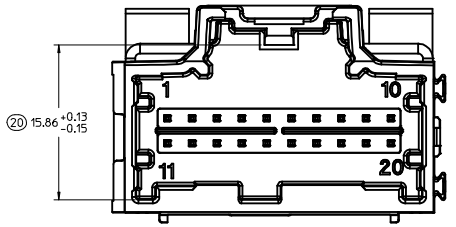
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



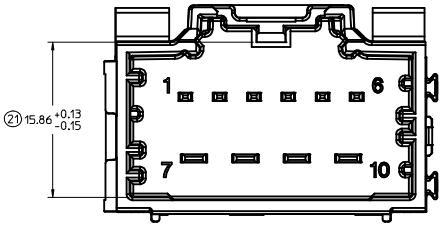
14 CKT HYBIRD TEMPLATE PCB LAYOUT



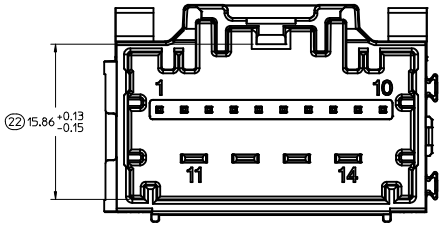
8-20 CKT 0.64mm INTERFACE



10 CKT HYBRID INTERFACE



14 CKT HYBRID INTERFACE



ENTER DESCRIPTION
EC NO: UAU2015-1632 2015/05/01
DRWN: JFISCHER01 2015/05/07
CHKD:
APPR: MKNALCK
REV K

QUALITY SYMBOLS
=0
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ± 1 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: VDANIELE DATE: 9/05/2008
CHECKED BY: CDILLON DATE: 9/05/2008
APPROVED BY: SMARCEAU DATE: 2010/10/20
MATERIAL NO.: SEE CHART

TITLE: 3-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

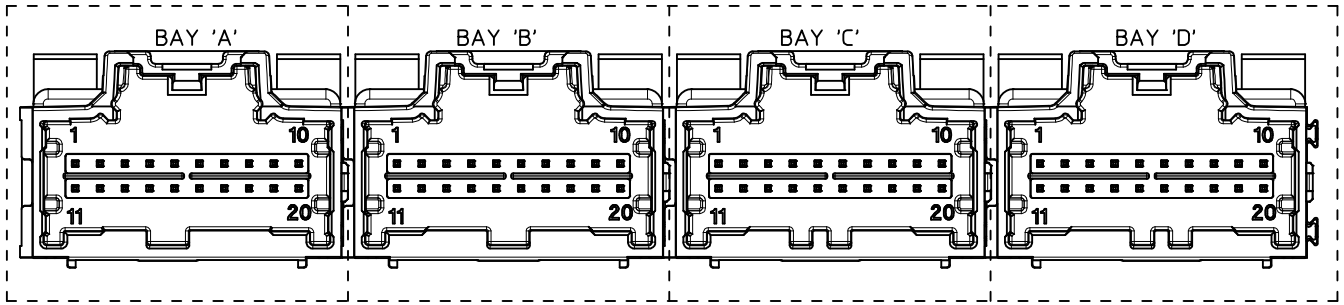
molex

DOCUMENT NO.: SD-34707-300
SHEET NO.: 3 OF 3
SIZE: D

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 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

1.50mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

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

5. INTERFACE: USCAR
064-U-008-2-Z01
064-U-012-2-Z02
064-U-016-2-Z02
064-U-020-2-Z02
SOME CHAMFERS HAVE BEEN MODIFIED TO IMRPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

RELEASED
EC NO: UAU2015-1632 2015/05/01
DRWN: JFISCHER01 2015/05/07
CHKD:
APPR: MKNACK
DESCRIPTION
REV
D7

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

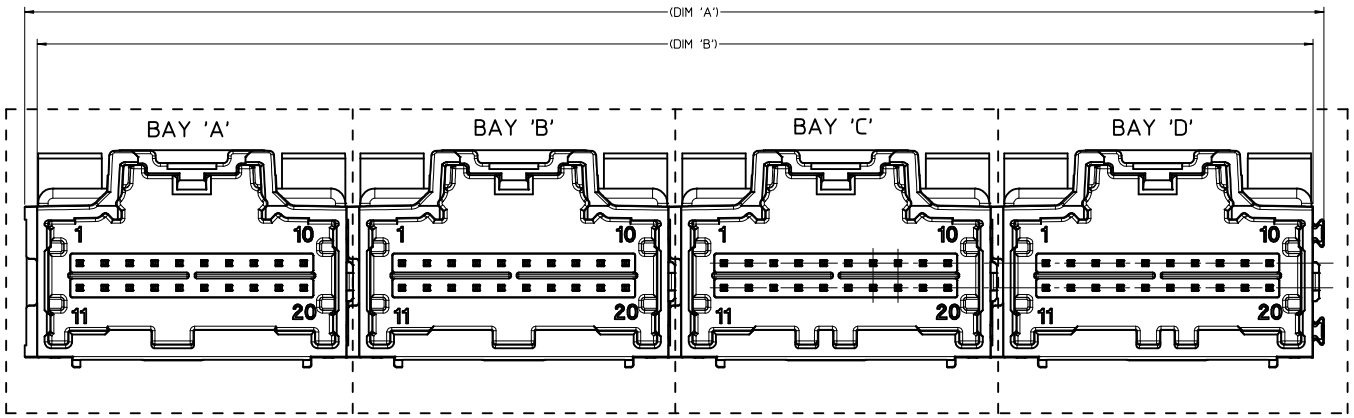
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

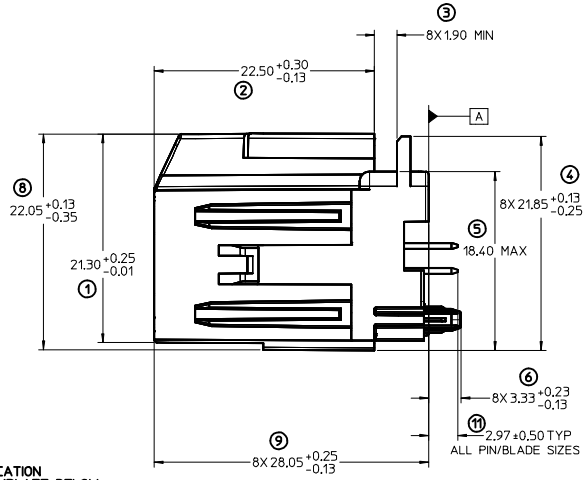
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

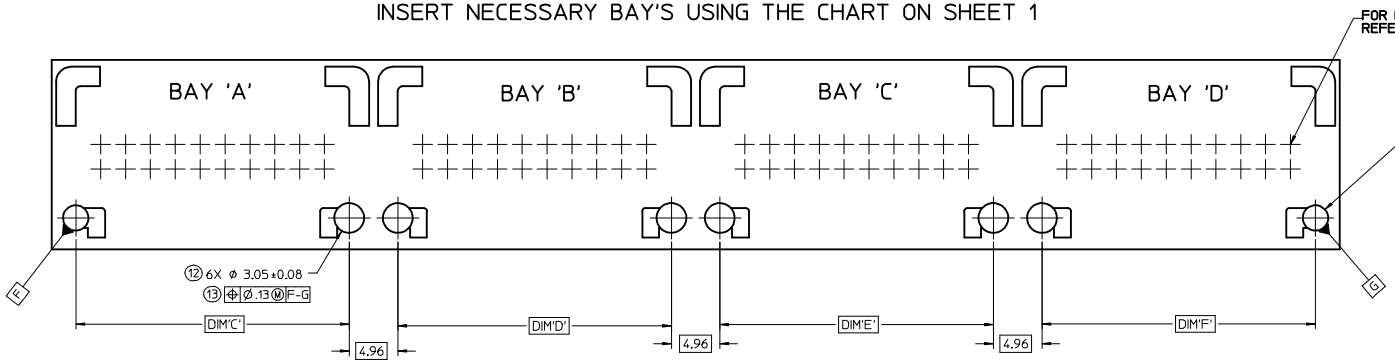
		DATE
DRAWN BY	VDANIELE	9/05/2008
CHECKED BY	CDILLON	9/05/2008
APPROVED BY	SMARCEAU	9/5/2008

TITLE: 4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34707-400
SHEET NO.: 1 OF 3
SIZE: D





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



POST HOLE TABLE

FOR DIM E:	
PRESS FIT	2.70
DROP IN	3.05

RELEASED
EC NO: UAU2015-1632 2015/05/01
DRWN: JFISCHER01 2015/05/07
CHKD:
APPR: MKNALCK
DESCRIPTION
REV
D7

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

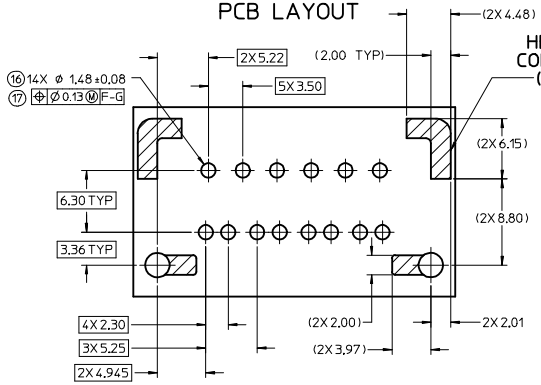
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

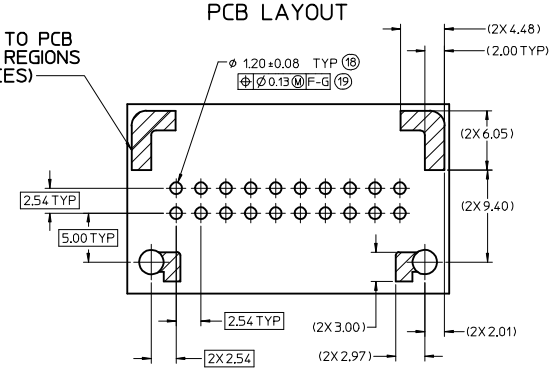
DRAWN BY: VDANIELE DATE: 9/05/2008
CHECKED BY: CDILLON DATE: 9/05/2008
APPROVED BY: SMARCEAU DATE: 9/5/2008
MATERIAL NO.: SEE CHART

TITLE: 4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.: SD-34707-400
SHEET NO.: 2 OF 3
SIZE: D

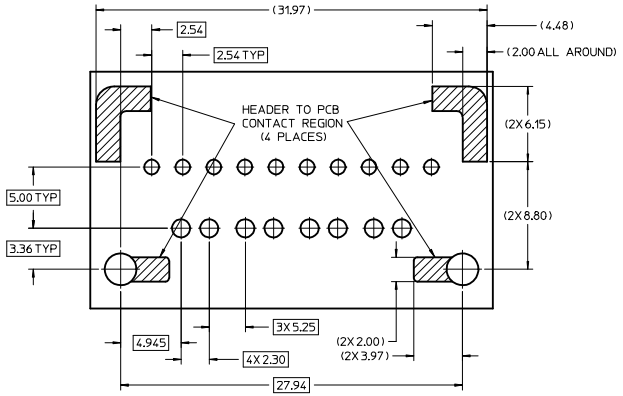
10 CKT HYBRID TEMPLATE PCB LAYOUT



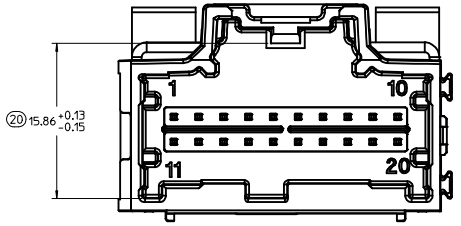
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



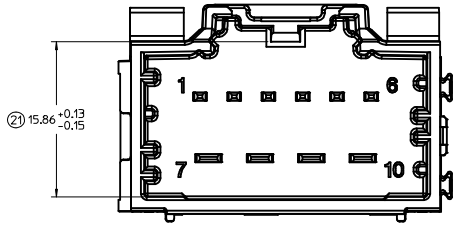
14 CKT HYBIRD TEMPLATE PCB LAYOUT



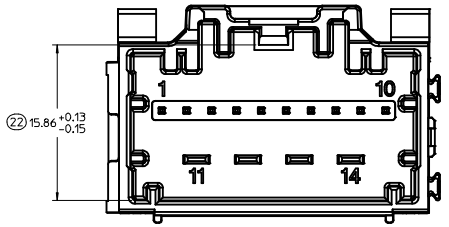
8-20 CKT 0.64mm INTERFACE



10 CKT HYBRID INTERFACE



14 CKT HYBRID INTERFACE



ENTER DESCRIPTION
EC NO: UAU2015-1632 2015/05/01
DRWN: JFISCHER01 2015/05/07
CHKD:
APPR: MKNALCK
DESCRIPTION
REV D7

QUALITY SYMBOLS
⌖ =0
⌖ =0
⌖ =0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
0 PLACE	± ---	± ---

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: VDANIELE DATE: 9/05/2008
CHECKED BY: CDILLON DATE: 9/05/2008
APPROVED BY: SMARCEAU DATE: 9/5/2008
MATERIAL NO.: 9999999999

TITLE: 4-BAY STAC64 VERTICAL HEADER ASSEMBLY SALES DRAWING

molex

DOCUMENT NO.: SD-34707-400
SHEET NO.: 3 OF 3
SIZE: D