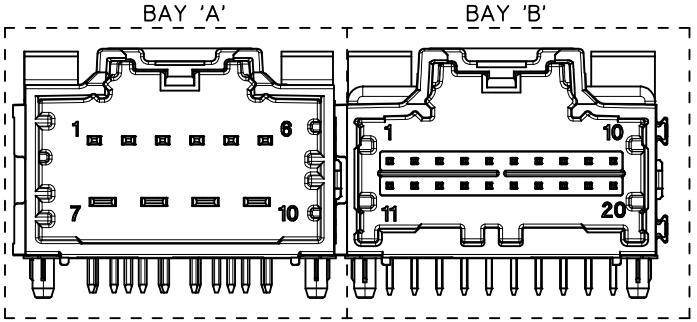
DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

2 BAY PART NUMBER (TUBE PKG)	2 BAY PART NUMBER (TRAY PKG)	BAY A			BAY B			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
		CKT	TYPE	POL	CKT	TYPE	POL				
34708-7000	34708-2000	20	0.64mm	A	20	0.64mm	B	66.94	64.47	27.94	27.94
TBD	34708-2001	20	0.64mm	B	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34708-2002	20	0.64mm	C	20	0.64mm	D	66.94	64.47	27.94	27.94
34708-7003	34708-2003	20	0.64mm	C	8	0.64mm	A	51.70	49.23	27.94	12.70
34708-7004	34708-2004	20	0.64mm	C	12	0.64mm	A	56.78	54.31	27.94	17.78
TBD	34708-2005	14	HYBRID	C	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34708-2006	16	0.64mm	B	20	0.64mm	B	61.86	59.39	22.86	27.94
TBD	34708-2007	16	0.64mm	C	20	0.64mm	C	61.86	59.39	22.86	27.94
TBD	34708-2008	20	0.64mm	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34708-2009	8	0.64mm	A	8	0.64mm	B	36.46	33.99	12.70	12.70
TBD	34708-2010	12	0.64mm	A	10	HYBRID	B	56.78	54.31	17.78	27.94
TBD	34708-2011	20	0.64mm	C	20	0.64mm	B	66.94	64.47	27.94	27.94
TBD	34708-2012	10	HYBRID	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34708-2013	12	0.64mm	A	20	0.64mm	B	56.78	54.31	17.78	27.94
TBD	34708-2014	14	HYBRID	C	20	0.64mm	B	66.94	64.47	27.94	27.94
TBD	34708-2015	20	0.64mm	B	14	HYBRID	C	66.94	64.47	27.94	27.94
TBD	34708-2016	12	0.64mm	B	20	0.64mm	D	56.78	54.31	17.78	27.94
TBD	34708-2017	16	0.64mm	A	8	0.64mm	C	46.62	44.15	22.86	12.70
TBD	34708-2018	16	0.64mm	A	12	0.64mm	A	51.70	49.23	22.86	17.78
TBD	34708-2019	20	0.64mm	A	12	0.64mm	A	56.78	54.31	27.94	17.78
34708-7012	34708-2020	10	HYBRID	A	16	0.64mm	A	61.86	59.39	27.94	22.86
TBD	34708-2021	16	0.64mm	B	16	0.64mm	A	56.78	54.31	22.86	22.86
TBD	34708-2022	20	0.64mm	C	10	HYBRID	A	66.94	64.47	27.94	27.94
TBD	34708-2023	20	0.64mm	A	20	0.64mm	C	66.94	64.47	27.94	27.94
TBD	34708-2024	8	0.64mm	A	10	HYBRID	A	51.70	49.23	12.70	27.94
TBD	34708-2025	8	0.64mm	B	10	HYBRID	A	51.70	49.23	12.70	27.94
TBD	34708-2026	16	0.64mm	A	20	0.64mm	A	61.86	59.39	22.86	27.94
TBD	34708-2027	8	0.64mm	B	8	0.64mm	B	36.46	33.99	12.70	12.70
TBD	34708-2028	16	0.64mm	A	8	0.64mm	A	46.62	44.15	22.86	12.70
TBD	34708-2029	12	0.64mm	A	12	0.64mm	B	46.62	44.15	17.78	17.78
TBD	34708-2030	10	HYBRID	B	10	HYBRID	A	66.94	64.47	27.94	27.94
TBD	34708-2031	12	0.64mm	B	12	0.64mm	A	46.62	44.15	17.78	17.78
TBD	34708-2032	20	0.64mm	D	16	0.64mm	B	61.68	59.39	27.94	22.86
TBD	34708-2033	20	0.64mm	D	16	0.64mm	C	61.86	59.39	27.94	22.86
TBD	34708-2034	16	0.64mm	B	20	0.64mm	D	61.68	59.39	22.86	27.94
TBD	34708-2035	16	0.64mm	C	20	0.64mm	D	61.86	59.39	22.86	27.94
TBD	34708-2040	20	0.64mm	A	8	0.64mm	A	51.70	49.23	27.94	12.70
TBD	34708-2050	20	0.64mm	A	16	0.64mm	A	61.86	59.39	27.94	22.86
TBD	34708-2060	10	HYBRID	B	16	0.64mm	A	61.86	59.39	27.94	22.86
TBD	34708-2070	16	0.64mm	A	12	0.64mm	A	51.70	49.23	22.86	17.78
TBD	34708-2080	16	0.64mm	A	16	0.64mm	B	56.78	54.31	22.86	22.86
TBD	34708-2090	16	0.64mm	B	16	0.64mm	C	56.78	54.31	22.86	22.86

2 BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY
(P/N: 34708-2012 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

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

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020

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
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-34691-100
10 CKT HYBRID: SD-34696-100

ADDED P/N EC NO: UAU2015-1186 2015/02/03
DRWN: JFISCHER01 2015/02/11
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: V

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

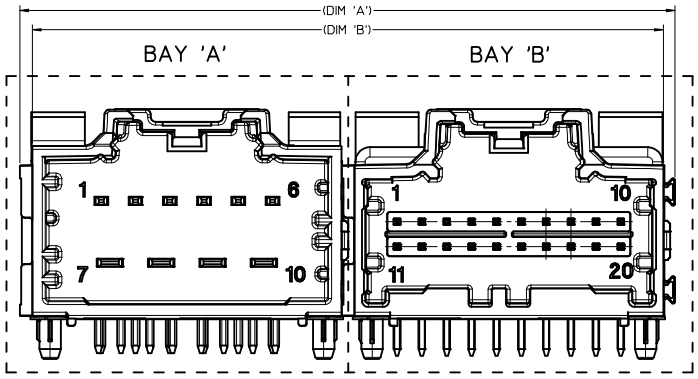
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

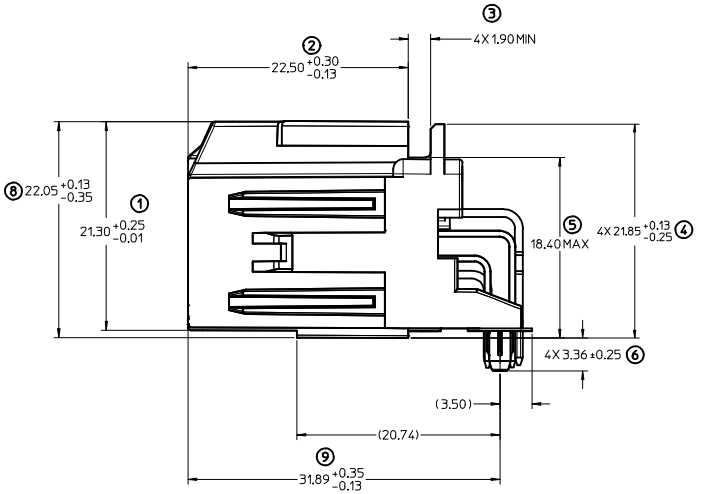
DRAWN BY: MBAILEY DATE: 9/04/2007
CHECKED BY: CDILLON DATE: 9/04/2007
APPROVED BY: SMARCEAU DATE: 2010/10/20

TITLE: 2-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

MOLEX INCORPORATED

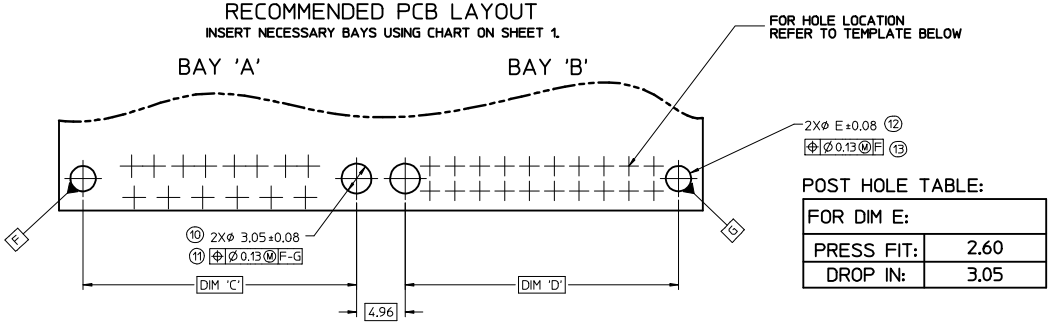
MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34708-200
SHEET NO.: 1 OF 3
SIZE: D





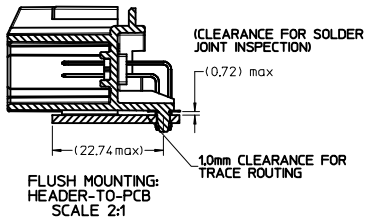
RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAYS USING CHART ON SHEET 1.



POST HOLE TABLE:

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



FLUSH MOUNTING:
HEADER-TO-PCB
SCALE 2:1

* RECOMMENDED FOR PIN THROUGH PASTE REFLOW PROCESSING *

ADDED P/N
EC NO: UAU2015-1186 2015/02/03
DRWN: JFISCHER01 2015/02/11
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: V

QUALITY SYMBOLS
▼=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

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

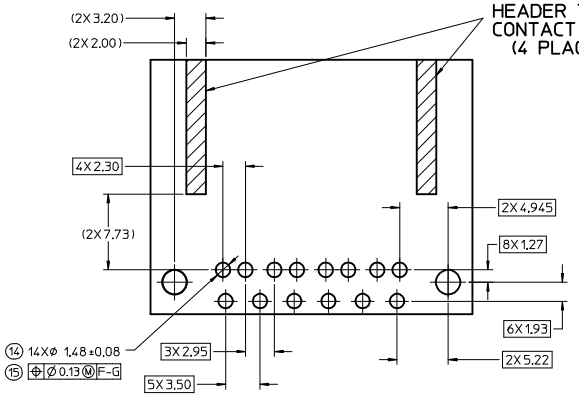
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

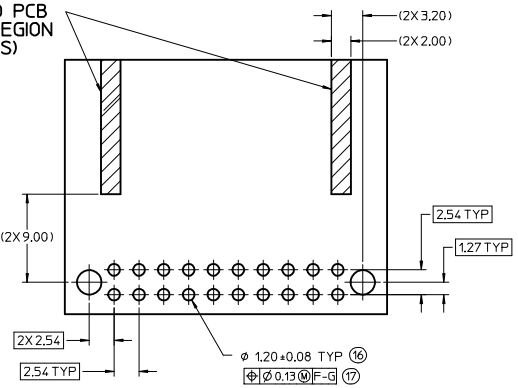
DRAWN BY: MBAILEY 9/04/2007
CHECKED BY: CDILLON 9/04/2007
APPROVED BY: SMARCEAU 2010/10/20
MATERIAL NO.: SEE CHART
SIZE: D

TITLE: 2-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.: SD-34708-200
SHEET NO.: 2 OF 3

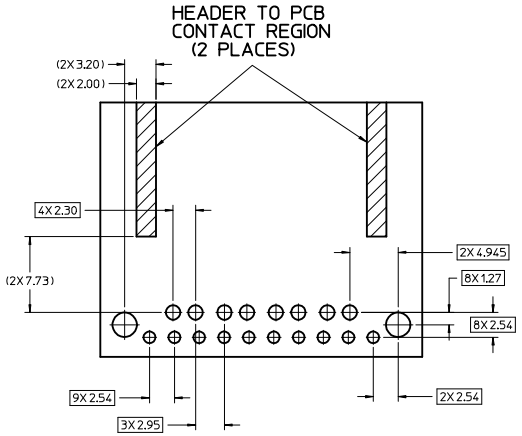
10 CKT HYBRID TEMPLATE PCB LAYOUT



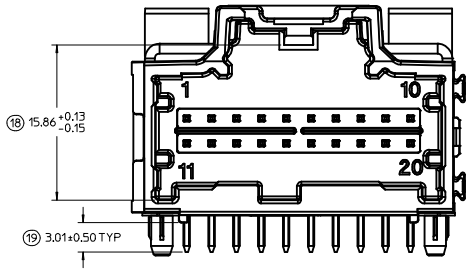
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



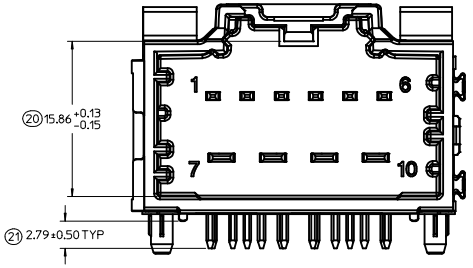
14 CKT HYBRID TEMPLATE PCB LAYOUT



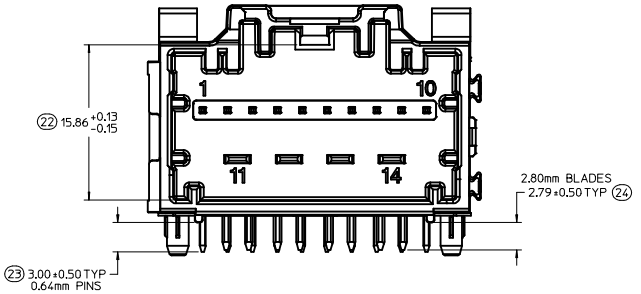
8-20 CKT 0.64mm INTERFACE



10 CKT HYBRID INTERFACE



14 CKT HYBRID INTERFACE

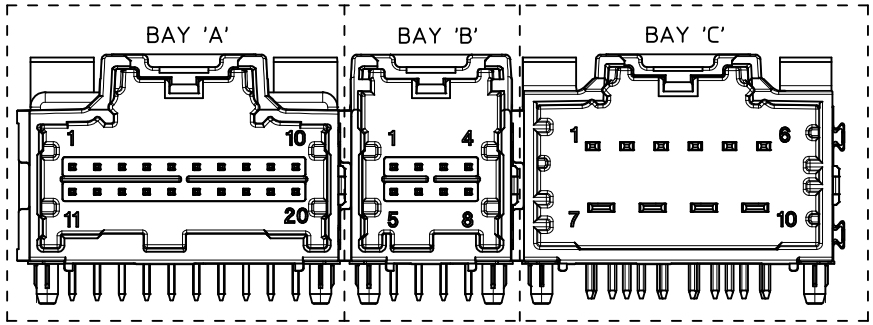


ADDED 14CKT PCB	EC NO: UAU2015-1186	DRWN:JFISCHER01	2015/02/03	CHKD:	APPR:RBAUMAN	2015/02/11	DESCRIPTION
V							REV

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
▽=0	4 PLACES	± ---	± ---
▽=0	3 PLACES	± ---	± ---
▽=0	2 PLACES	± 0.13	± ---
▽=0	1 PLACE	± 0.25	± ---
▽=0	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	MBAILEY 9/04/2007
CHECKED BY	CDILLON 9/04/2007
APPROVED BY	SMARCEAU 2010/10/20
MATERIAL NO.	SEE CHART
TITLE	2-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
DOCUMENT NO.	SD-34708-200
SHEET NO.	3 OF 3
SIZE	D

3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY
(P/N: 34708-3040 SHOWN)



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

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

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020

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
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-34691-100
10 CKT HYBRID: SD-34696-100

ADDED POL COLOR
EC NO: UAU2015-0327
DRWN:JFISCHER01 2014/08/27
CHKD:
APPR:RBAUMAN 2014/09/02
DESCRIPTION
REV
T

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
MATERIAL NO.: SEE CHART

TITLE: 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.: SD-34708-300
SHEET NO.: 1 OF 4
SIZE: D

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

3 BAY PART NUMBER (TUBE PKG)	3 BAY 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	34708-3000	16	0.64mm	B	16	0.64mm	A	12	0.64mm	B	79.52	77.05	22.86	22.86	17.78
TBD	34708-3001	20	0.64mm	A	20	0.64mm	B	12	0.64mm	A	89.86	87.21	27.94	27.94	17.78
TBD	34708-3002	20	0.64mm	A	20	0.64mm	B	14	HYBRID	C	99.84	97.37	27.94	27.94	27.94
TBD	34708-3003	10	HYBRID	A	16	0.64mm	A	8	0.64mm	C	79.52	77.05	27.94	22.86	12.70
34708-8010	34708-3010	20	0.64mm	A	20	0.64mm	B	16	0.64mm	A	94.76	92.29	27.94	27.94	22.86
TBD	34708-3020	10	HYBRID	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34708-3021	10	HYBRID	A	20	0.64mm	C	20	0.64mm	D	99.84	97.37	27.94	27.94	27.94
TBD	34708-3022	20	0.64mm	B	16	0.64mm	C	10	HYBRID	A	94.76	92.29	27.94	22.86	27.94
TBD	34708-3030	16	0.64mm	A	12	0.64mm	A	10	HYBRID	A	84.60	82.13	22.86	17.78	27.94
TBD	34708-3040	20	0.64mm	A	8	0.64mm	A	10	HYBRID	A	84.60	82.13	27.94	12.70	27.94
TBD	34708-3050	10	HYBRID	A	16	0.64mm	B	16	0.64mm	C	89.68	87.21	27.94	22.86	22.86
TBD	34708-3060	16	0.64mm	A	20	0.64mm	C	20	0.64mm	D	94.76	92.29	22.86	27.94	27.94
34708-8070	34708-3070	20	0.64mm	A	20	0.64mm	B	10	HYBRID	A	99.84	97.37	27.94	27.94	27.94
TBD	34708-3071	20	0.64mm	A	10	HYBRID	A	10	HYBRID	B	99.84	97.37	27.94	27.94	27.94
TBD	34708-3080	12	0.64mm	A	12	0.64mm	B	16	0.64mm	A	74.44	71.97	17.78	17.78	22.86
TBD	34708-3081	20	0.64mm	D	12	0.64mm	B	20	0.64mm	C	89.68	87.21	27.94	17.78	27.94
TBD	34708-3082	12	0.64mm	C	8	0.64mm	A	8	0.64mm	B	59.20	56.73	17.78	12.70	12.70
TBD	34708-3083	8	0.64mm	C	16	0.64mm	B	16	0.64mm	C	74.44	71.97	12.70	22.86	22.86
TBD	34708-3084	16	0.64mm	A	8	0.64mm	A	8	0.64mm	B	64.28	61.81	22.86	12.70	12.70
TBD	34708-3085	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	99.84	97.37	27.94	27.94	27.94
TBD	34708-3086	20	0.64mm	A	20	0.64mm	B	8	0.64mm	A	84.60	82.13	27.94	27.94	12.70
TBD	34708-3087	20	0.64mm	A	16	0.64mm	A	8	0.64mm	A	79.52	77.05	27.94	22.86	12.70
TBD	34708-3088	12	0.64mm	A	16	0.64mm	A	12	0.64mm	B	74.44	71.97	17.78	22.86	17.78
TBD	34708-3089	16	0.64mm	A	16	0.64mm	B	20	0.64mm	A	89.68	87.21	22.86	22.86	27.94
TBD	34708-3090	16	0.64mm	C	16	0.64mm	A	8	0.64mm	B	74.44	71.97	22.86	22.86	12.70
TBD	34708-3091	20	0.64mm	C	12	0.64mm	C	16	0.64mm	B	84.60	82.13	27.94	17.78	22.86
TBD	34708-3092	12	0.64mm	B	8	0.64mm	C	20	0.64mm	D	74.44	71.97	17.78	12.70	27.94
TBD	34708-3093	16	0.64mm	B	16	0.64mm	A	8	0.64mm	A	74.44	71.97	22.86	22.86	12.70
TBD	34708-3094	20	0.64mm	D	20	0.64mm	B	8	0.64mm	A	84.60	82.13	27.94	27.94	12.70
TBD	34708-3095	20	0.64mm	A	16	0.64mm	C	12	0.64mm	B	84.60	82.13	27.94	22.86	17.78
TBD	34708-3096	16	0.64mm	A	16	0.64mm	B	20	0.64mm	C	89.68	87.21	22.86	22.86	27.94
TBD	34708-3097	16	0.64mm	C	12	0.64mm	B	20	0.64mm	A	84.60	82.13	22.86	17.78	27.94
TBD	34708-3098	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	99.84	97.37	27.94	27.94	27.94
TBD	34708-3099	10	HYBRID	A	20	0.64mm	D	10	HYBRID	B	99.84	97.37	27.94	27.94	27.94

RELEASED
EC NO: UAU2015-0327 2014/08/27
DRWN: JFISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV
T

QUALITY SYMBOLS
⏥=0
⏥=0
⏥=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

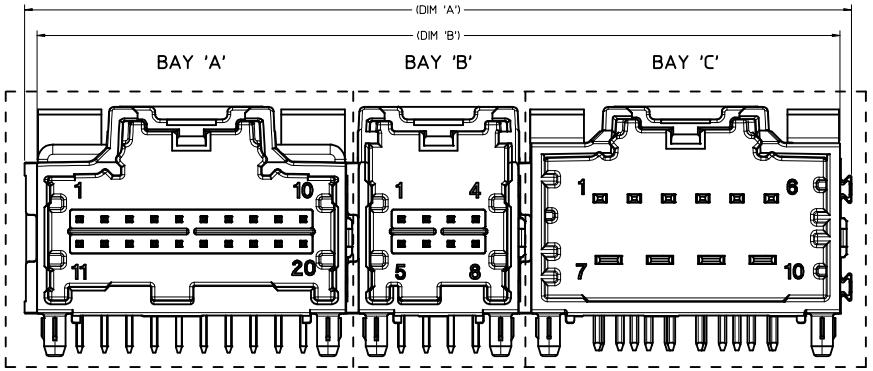
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

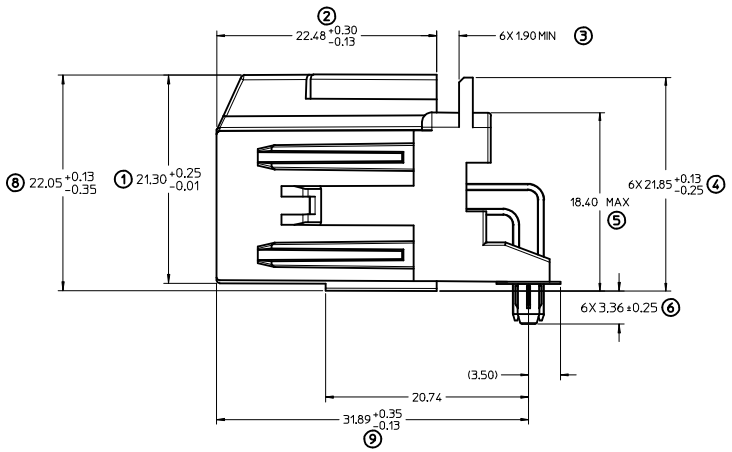
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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
MATERIAL NO.: SEE CHART

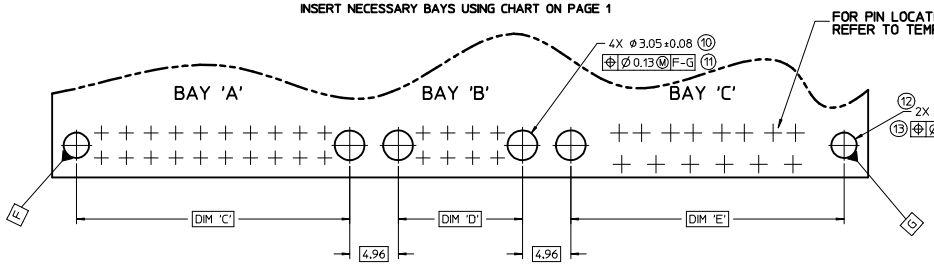
TITLE: 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.: SD-34708-300
SHEET NO.: 2 OF 4
SIZE: D





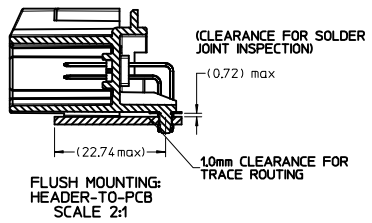
RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAYS USING CHART ON PAGE 1



POST HOLE TABLE:

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



FLUSH MOUNTING: HEADER-TO-PCB
SCALE 2:1

RELEASED
EC NO: UAU2015-0327 2014/08/27
DRWN: FISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: T

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
MATERIAL NO.	SEE CHART
SIZE	D

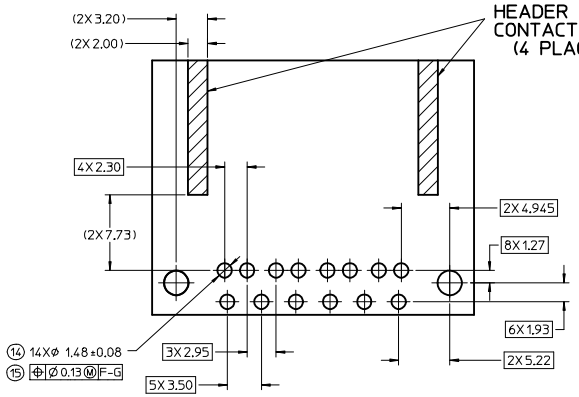
TITLE: 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

MOLEX INCORPORATED

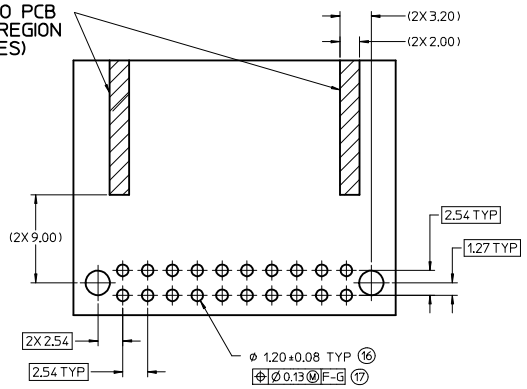
DOCUMENT NO. SD-34708-300

SHEET NO. 3 OF 4

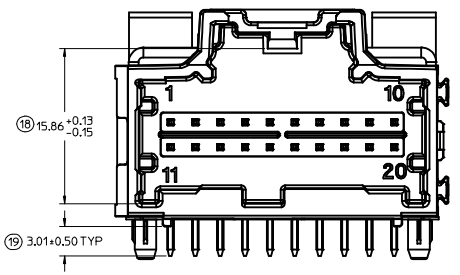
10 CKT HYBRID TEMPLATE PCB LAYOUT



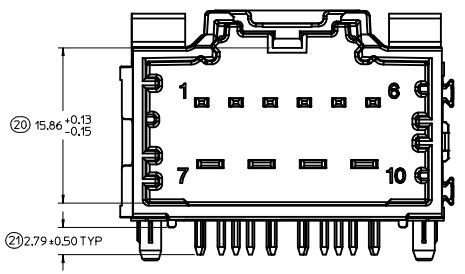
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



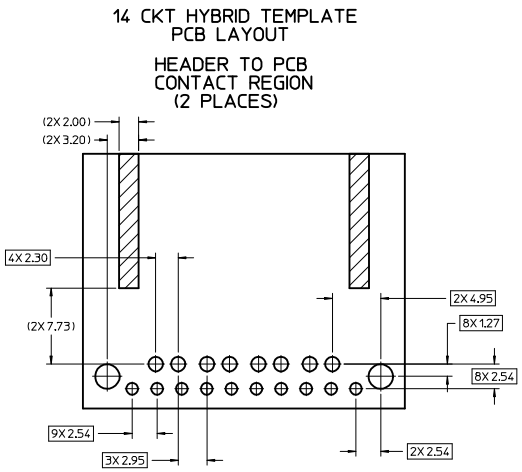
8-20 CKT 0.64mm INTERFACE



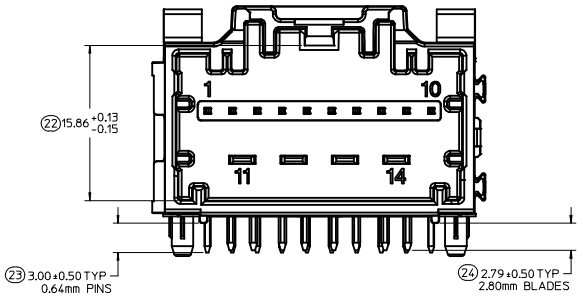
10 CKT HYBRID INTERFACE



14 CKT HYBRID TEMPLATE PCB LAYOUT



14 CKT HYBRID INTERFACE



ENTER DESCRIPTION
EC NO: UAU2015-0327 2014/08/27
DRWN: JFISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: T

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

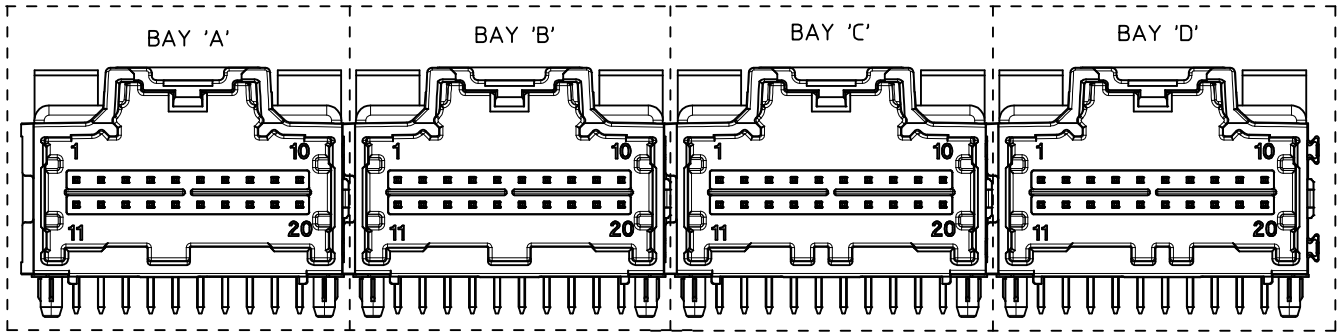
DRAWN BY: VDANIELE DATE: 9/05/2008
CHECKED BY: CDILLON DATE: 9/05/2008
APPROVED BY: SMARCEAU DATE: 2010/10/20
MATERIAL NO.: SEE CHART

TITLE: 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

molex

DOCUMENT NO.: SD-34708-300
SHEET NO.: 4 OF 4
SIZE: D

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



NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

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

b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: AS-34729-020

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-34691-100
10 CKT HYBRID: SD-34696-100

RELEASED
EC NO: UAU2015-0327 2014/08/27
DRWN: JFISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV
N

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: 4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-34708-400
SHEET NO.: 1 OF 4
SIZE: D

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

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						
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	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	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	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	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	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	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	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	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	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	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	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
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	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
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
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	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	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

RELEASED
EC NO: UAU2015-0327 2014/08/27
DRWN: JFISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV
N

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

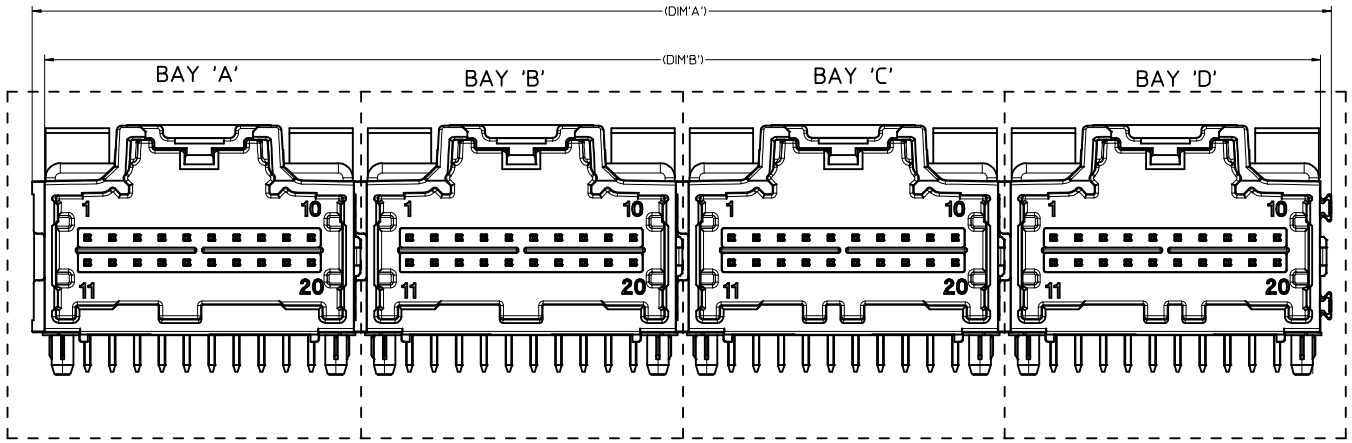
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		

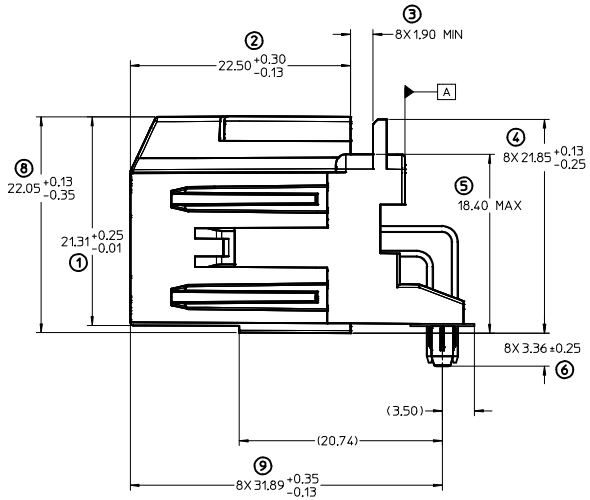
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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
MATERIAL NO.: SEE CHART

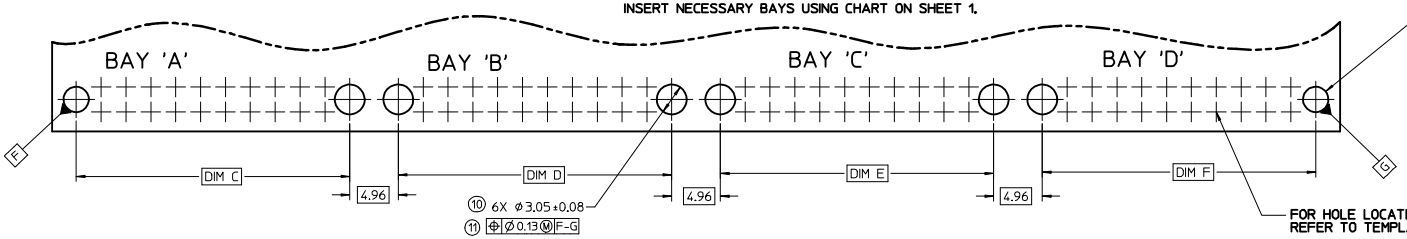
TITLE: 4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
MOLEX INCORPORATED
DOCUMENT NO.: SD-34708-400
SHEET NO.: 2 OF 4
SIZE: D





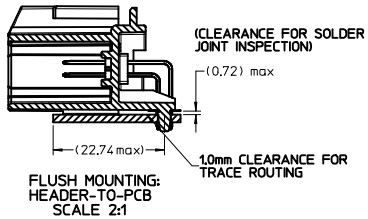
RECOMMENDED PCB LAYOUT

INSERT NECESSARY BAYS USING CHART ON SHEET 1.



POST HOLE TABLE:

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



FLUSH MOUNTING:
HEADER-TO-PCB
SCALE 2:1

* RECOMMENDED FOR PIN THROUGH PASTE REFLOW PROCESSING *

RELEASED
EC NO: UAU2015-0327 2014/08/27
DRWN: JFISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
REV: N

QUALITY SYMBOLS
▼=0
▽=0

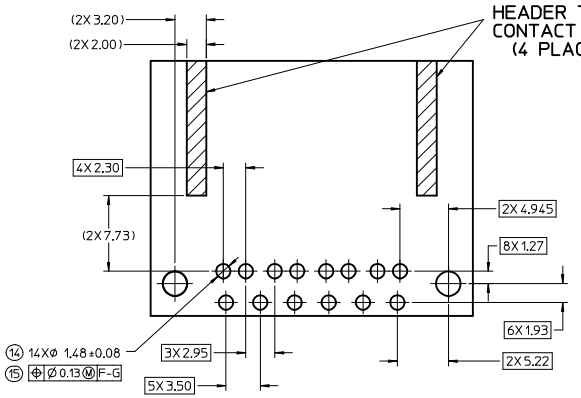
GENERAL TOLERANCES (UNLESS SPECIFIED)

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

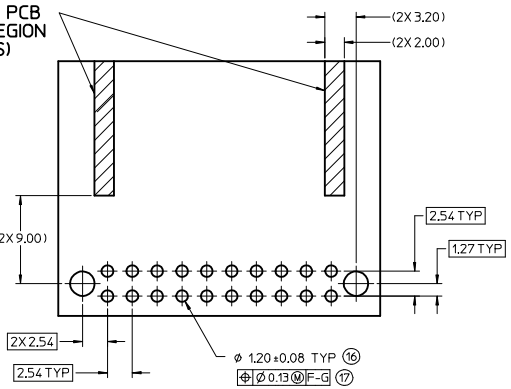
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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
MATERIAL NO.	SEE CHART
TITLE	4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING
	MOLEX INCORPORATED
DOCUMENT NO.	SD-34708-400
SHEET NO.	3 OF 4
SIZE	D

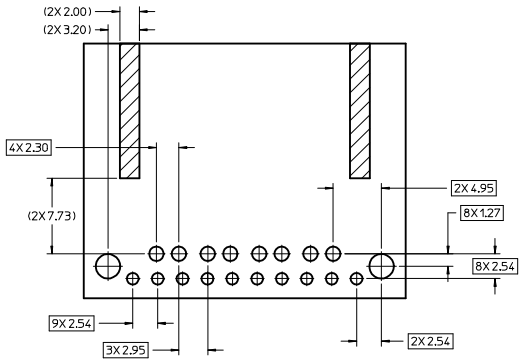
10 CKT HYBRID TEMPLATE PCB LAYOUT



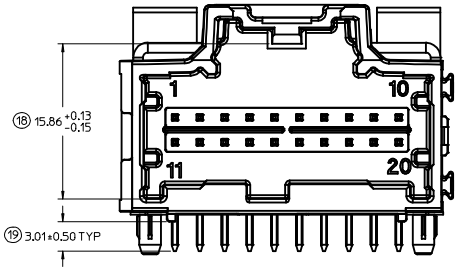
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



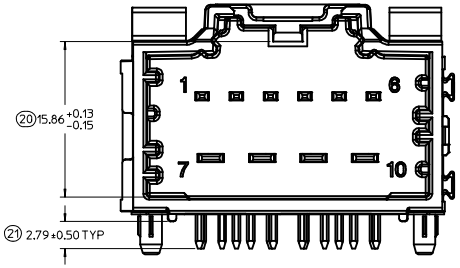
14 CKT HYBRID TEMPLATE PCB LAYOUT



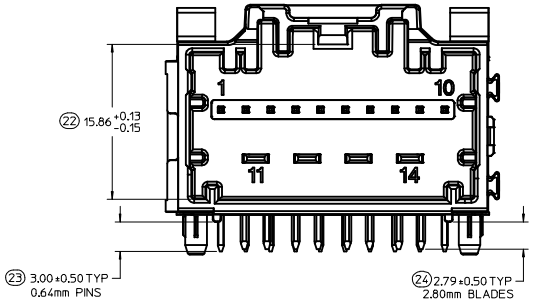
8-20 CKT 0.64mm INTERFACE



10 CKT HYBRID INTERFACE



14 CKT HYBRID INTERFACE



ENTER DESCRIPTION
EC NO: UAU2015-0327 2014/08/27
DRWN: JFISCHER01 2014/09/02
CHKD:
APPR: RBAUMAN
DESCRIPTION
N
REV

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

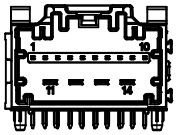
DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

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

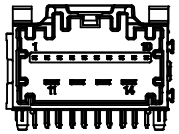
TITLE: 4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING

molex

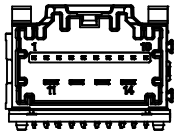
DOCUMENT NO.: SD-34708-400
SHEET NO.: 4 OF 4
SIZE: D



POLARIZATION OPTION "A"
PN/ 34773-0140



POLARIZATION OPTION "B"
PN/ 34773-0141



POLARIZATION OPTION "C"
PN/ 34773-0142

MATERIAL NUMBER		CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31300-892	TUBE PACKAGING PK-31301-063				
34773-0140	34773-9140	14	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34773-0141	34773-9141	14	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34773-0142	34773-9142	14	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN

NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

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

PIN RETENTION = USCAR-2 REV 5

SOLDERABILITY = SMES-152

b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:

SEE APPLICATION SPECIFICATION = TBD

SEE PRODUCT SPECIFICATION = TBD

MATES WITH: 34776-014*/34916-014*/34927-014*/34969-014*

c. PACKAGING SPECIFICATION SEE CHART.

2. DESIGN: MATERIALS:

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

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

2.80mm BLADES:
BASE MATERIAL: C19400
PLATING TYPE: AS NOTED

c. PIN ALIGNMENT PLATE : MYLAR

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

b. OVERPLATING - OVERALL TIN

ENTER DESCRIPTION
EC NO: UAU2014-0236
DRWN:LSONG05 2012/11/21
CHK:DABTANG 2013/08/13
APPR:RBAUMAN 2013/08/13
DESCRIPTION
REV B

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

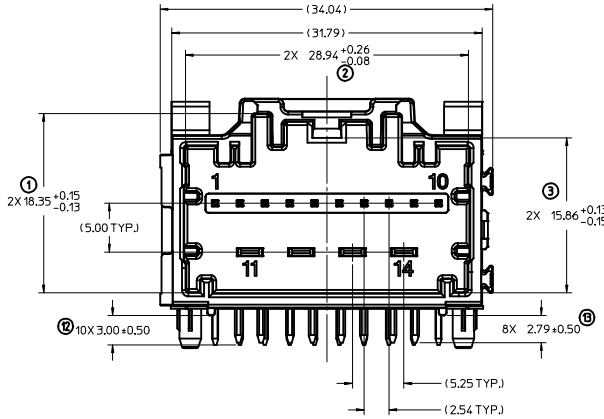
DIMENSION STYLE: MM ONLY
SCALE: 2:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

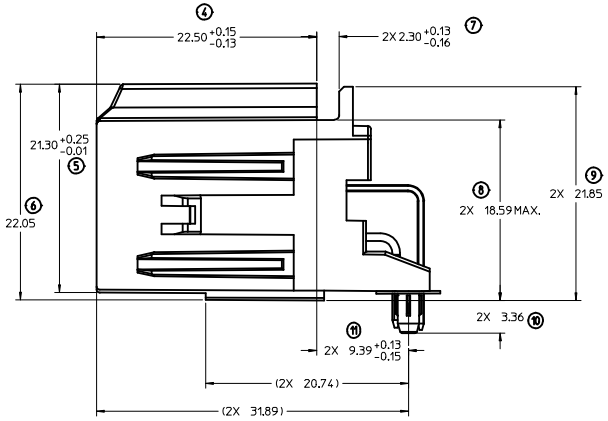
DRAWN BY: LSONG05 DATE: 2011/01/13
CHECKED BY: VDANIELE DATE: 2011/01/13
APPROVED BY: SMARCEAU DATE: 2011/01/28
MATERIAL NO.: SEE TABLE

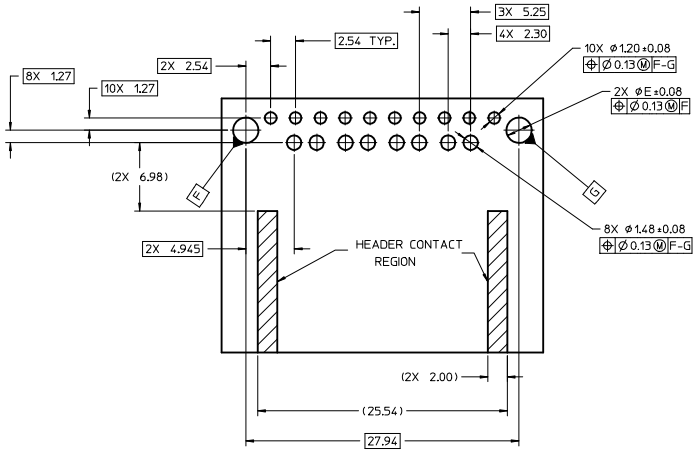
TITLE: STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY 14 CKT HYBRID

molex

DOCUMENT NO.: SD-34773-010
SHEET NO.: 1 OF 2
SIZE: D



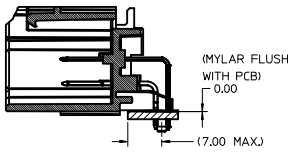




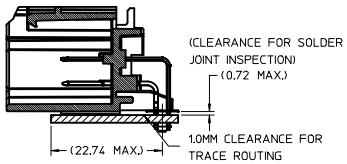
POST HOLE TABLE

	DIM E
PRESS FIT	Ø2.60
DROP IN	Ø3.05

RECOMMENDED PCB LAYOUT



PANEL MOUNTING
SCALE 2:1



FLUSH MOUNTING
SCALE 2:1

* RECOMMENDED FOR PIN THROUGH PASTE REFLOW PROCESSING

ENTER DESCRIPTION
EC NO: UAU2014-0236 2012/11/21
DRWN:LSONG05 2013/08/13
CHKD:RBTANG 2013/08/13
APPR:RBAUMAN
DESCRIPTION
B
REV

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

		DATE
DRAWN BY	LSONG05	2011/01/13
CHECKED BY	VDANIELE	2011/01/13
APPROVED BY	SMARCEAU	2011/01/28
MATERIAL NO.	SEE SHEET 1	

TITLE: STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY 14 CKT HYBRID

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DOCUMENT NO.: SD-34773-010
SHEET NO.: 2 OF 2
SIZE: D