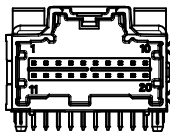
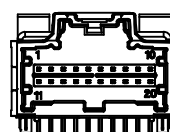
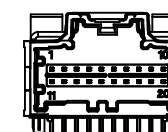
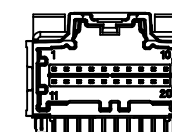
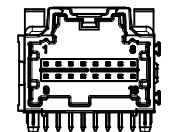
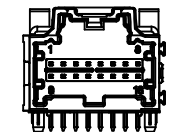
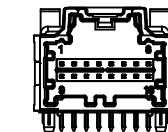
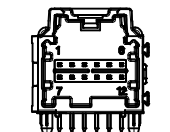
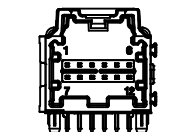
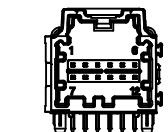
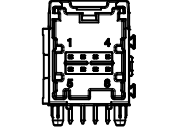
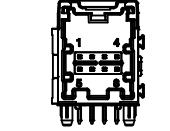
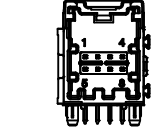


	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
M																				
L	POLARIZATION OPTION A P/N 34691-0200	POLARIZATION OPTION B P/N 34691-0201	POLARIZATION OPTION C P/N 34691-0202	POLARIZATION OPTION D P/N 34691-0203																
K																				
J	POLARIZATION OPTION A P/N 34691-0160	POLARIZATION OPTION B P/N 34691-0161	POLARIZATION OPTION C P/N 34691-0162																	
I																				
H	POLARIZATION OPTION A P/N 34691-0120	POLARIZATION OPTION B P/N 34691-0121	POLARIZATION OPTION C P/N 34691-0122																	
G																				
F	POLARIZATION OPTION A P/N 34691-0080	POLARIZATION OPTION B P/N 34691-0081	POLARIZATION OPTION C P/N 34691-0082																	
E	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 c. PIN ALIGNMENT PLATE: MYLAR 3. PLATING REQUIREMENTS: a. UNDERPLATING - OVERALL NICKEL b. OVERPLATING - OVERALL TIN 4. INTERFACE: USCAR 064-U-008-2-201 064-U-012-2-202 064-U-016-2-202 064-U-020-2-202 SOME CHAMFERS HAVE BEEN MODIFIED TO IMPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.																			
D																				
C																				
B																				
A																				
1b. Frame, D.P. An. T Rev. E 2006/04/15 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1																				

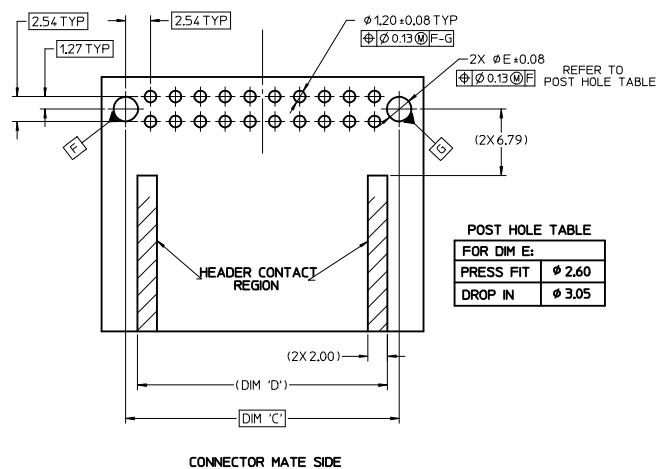
MATERIAL NUMBER		CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31300-892	TUBE PACKAGING PK-31301-063				
34691-0200	34691-9200	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0201	34691-9201	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0202	34691-9202	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0203	34691-9203	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	D	GREEN
34691-0160	34691-9160	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0161	34691-9161	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0162	34691-9162	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0120	34691-9120	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0121	34691-9121	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0122	34691-9122	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0080	34691-9080	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0081	34691-9081	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0082	34691-9082	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN

UPDATED DIMENSIONS ECN NO: UAL2015-1697 DRAWN BY: JSCHER01 2015/05/14 CHKD: JCH01 APPROVED BY: JCH01 2015/05/14 REV: G8	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± .---	INCH	DRAWN BY MBAILEY	DATE 10/02/06	TITLE STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY SALES DRAWING		
		3 PLACES ± .---	INCH	CHECKED BY CDILLON	DATE 04/18/07			
		2 PLACES ± 0.13	INCH					
		1 PLACE ± 0.25	INCH					
		ANGULAR ± 3 °						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE CHART		DOCUMENT NO. SD-34691-100		SHEET NO. 1 OF 2
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

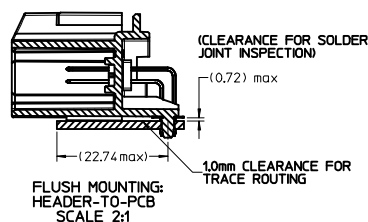
UPDATED DIMENSIONS DEC NO: UAU2015-1697 DRAWN BY: FISCHER01 2015/05/14 CHKD: APPR:RB/BAUMAN 2015/05/12 REV: G8	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY SALES DRAWING MOLEX INCORPORATED SD-34691-100	SHEET NO. 1 OF 2		
		mm		INCH		DRAWN BY MBAILEY					DATE 10/02/06	
		4 PLACES ±.005		±.0005		CHECKED BY CDILLON					DATE 04/18/07	
		3 PLACES ±.005		±.0005		APPROVED BY SMARCEAU					DATE 2010/11/04	
		2 PLACES ±0.13		±.005		MATERIAL NO.					DOCUMENT NO.	
		1 PLACE ±0.25		±.005		SEE CHART					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		ANGULAR ± 3 °				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

CKT SIZE	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'
20	34.04	31.57	27.94	25.54
16	28.96	26.49	22.86	20.46
12	23.88	21.41	17.78	15.38
8	18.80	16.53	12.70	10.30

RECOMMENDED PCB LAYOUT

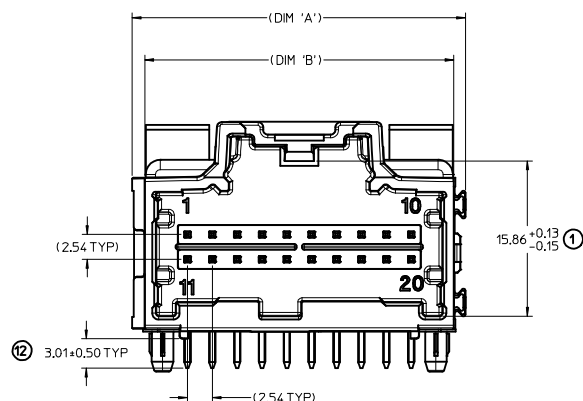


POST HOLE TABLE	
FOR DIM E:	
PRESS FIT	0.260
DROP IN	0.305

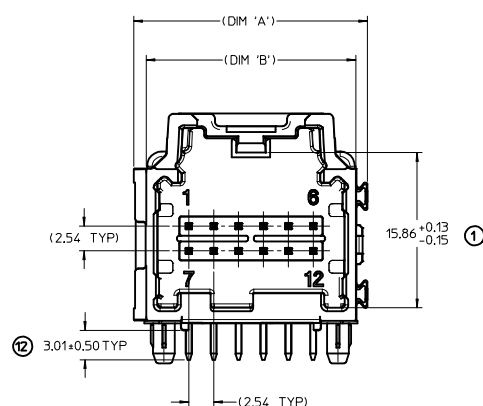


RECOMMENDED FOR WAVE SOLDER

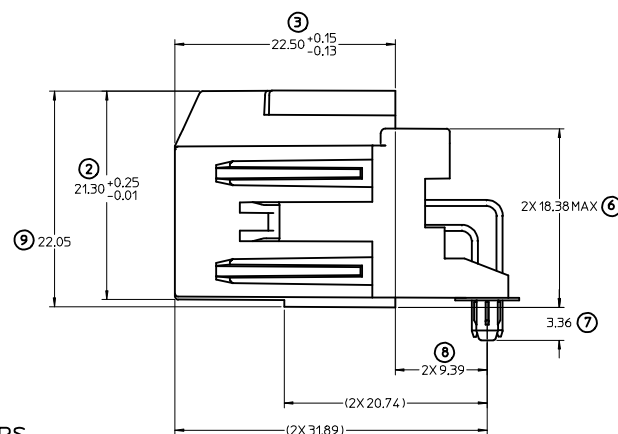
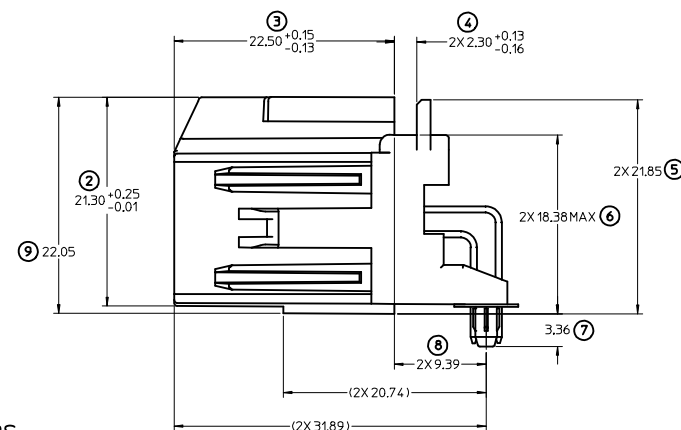
FOR REFLOW CAPABLE PLASTIC PAP SEE:
SD-34691-600



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

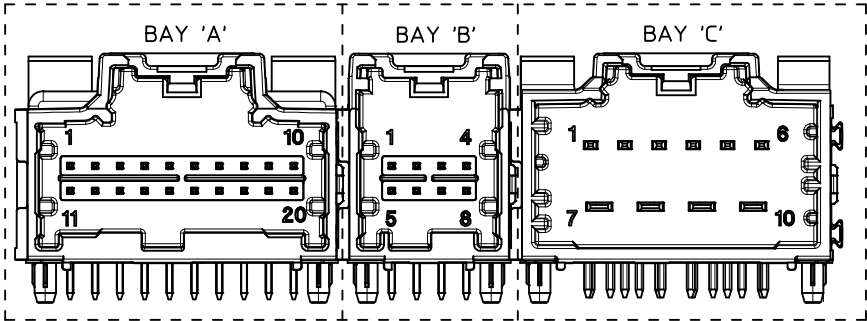


LAYOUT FOR 8 & 12 CKT. HEADERS
(12 CKT. OPTION 'A' SHOWN)



GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
		MM ONLY		4:1		METRIC			
		mm	INCH						
4 PLACES ±		---	---						
3 PLACES ±		---	---						
2 PLACES ±		0.13	---						
1 PLACE ±		0.25	---						
		ANGULAR ±		3 °					
DRAFT WHERE APPLICABLE									

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



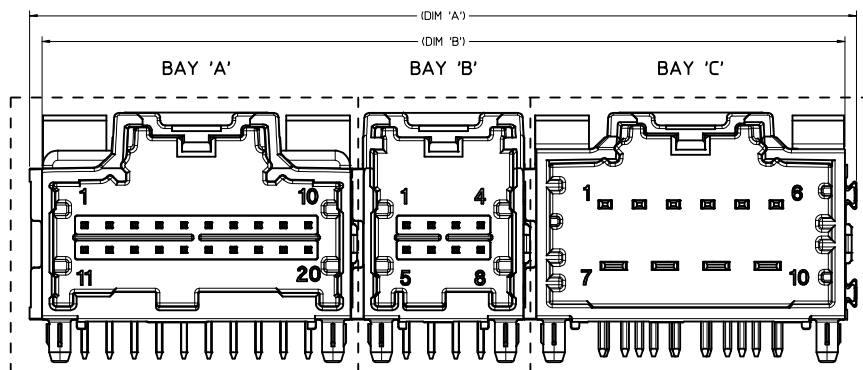
- NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:
- a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:
- PRODUCT SPECIFICATION:
8-20 CKT 0.64 PRODUCT SPEC: PS-34729-020
10 CKT HYBRID PRODUCT SPEC: PS-31372-100
- b. APPLICATION REQUIREMENTS (REFERENCE ONLY):
APPLICATION 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
- 150mm 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
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 IMPROVE POLARIZATION
EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

ADDED POL. COLOR EC NO. UAU2015-1697 DRAWN: FISCHER01 2015/05/14 CHKD: APPR: BAUMAN 2015/05/22 REV	QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION	
					DRAWN BY VDANIELE		DATE 9/05/2008		TITLE 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING			
					CHECKED BY CDILLON		DATE 9/05/2008					
					APPROVED BY SMARCEAU		DATE 2010/10/20		MOLEX INCORPORATED			
					MATERIAL NO. SEE CHART		DOCUMENT NO. SD-34708-300				SHEET NO. 1 OF 4	
					SIZE D							

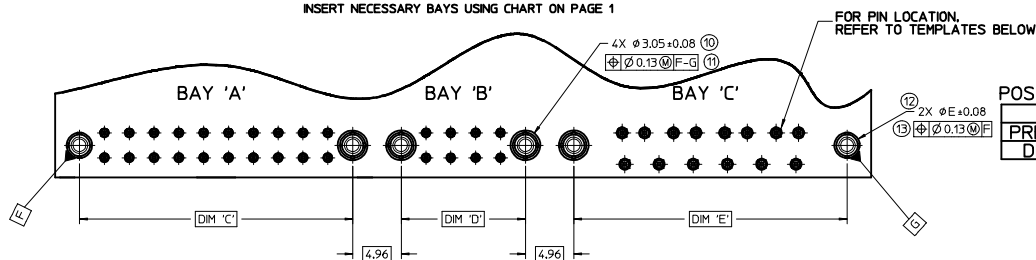
DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

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 DEC NO. UAU2005-1697 CDRWNS/FISHER01 2005/05/14 CHKD: APPR:RBALMAN 2005/05/12 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	4:1	METRIC	
	▽=0	4 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE	
	▽=0	3 PLACES ± --- ± ---	VDANIELE	9/05/2008	3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY	
		2 PLACES ± 0.13 ± ---	CHECKED BY	DATE	SALES DRAWING	
		1 PLACE ± 0.25 ± ---	CDILLON	9/05/2008		
		ANGULAR ± 1 °	APPROVED BY	DATE		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SMARCEAU	2010/10/20		
			MATERIAL NO.	DOCUMENT NO.		
			SEE CHART	SD-34708-300		
			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

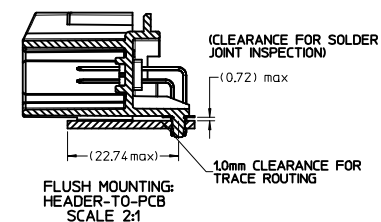
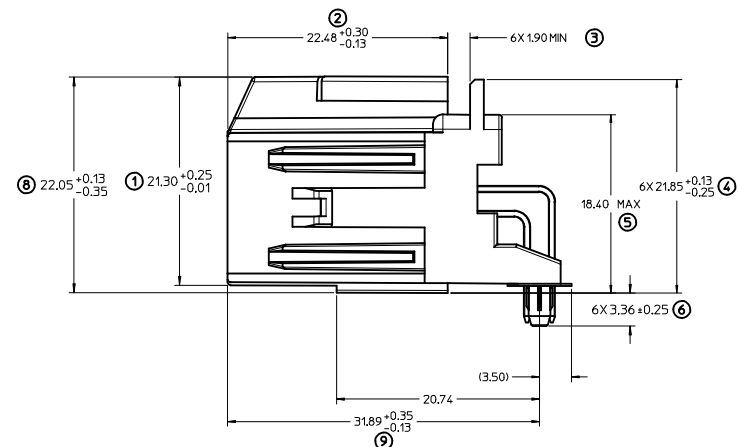


RECOMMENDED PCB LAYOUT
INSERT NECESSARY BAYS USING CHART ON PAGE 1



POST HOLE TABLE:

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



RELEASED EC NO: UAU2015-1697 DRAWN: FISHER01 2015/05/14 CHKD: CHYK01 APPR: RBAUMAN 2015/05/22	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION NEW	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE			
					MM ONLY		4:1	METRIC	PROJECTION			
					DRAWN BY DATE		TITLE 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING					
					VDANIELE 9/05/2008							
					CHECKED BY DATE							
					CDILLON 9/05/2008							
					APPROVED BY DATE		MOLEX MOLEX INCORPORATED					
					SMARCEAU 2010/10/20							
					MATERIAL NO.							
					SEE CHART		SD-34708-300		3 OF 4			
		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

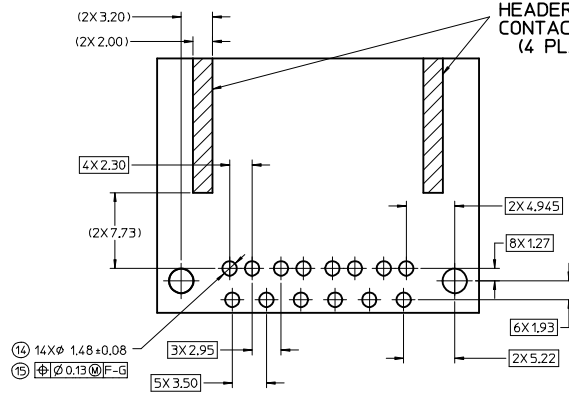
3-BAY STAC64 RIGHT ANGLE
HEADER ASSEMBLY
SALES DRAWING

MOLEX INCORPORATED

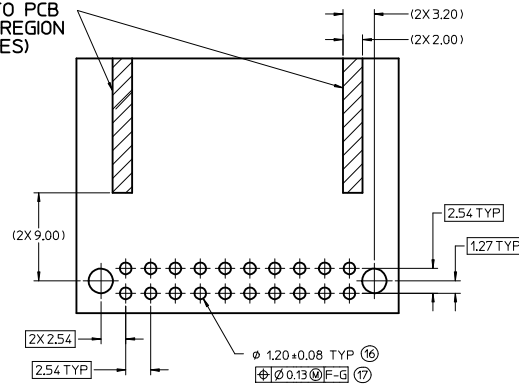
SD-34708-300

3 OF 4

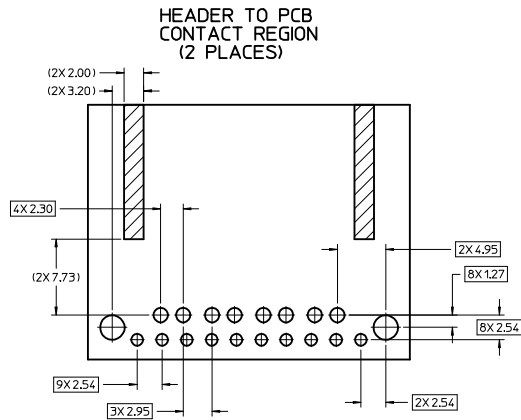
10 CKT HYBRID TEMPLATE PCB LAYOUT



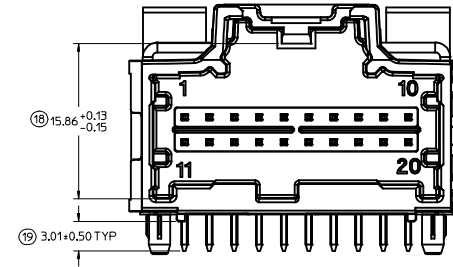
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



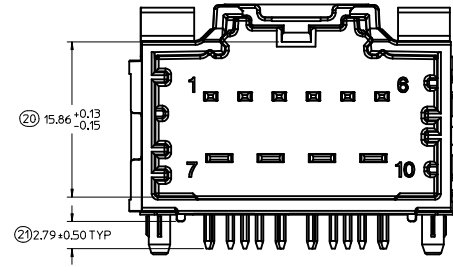
14 CKT HYBRID TEMPLATE PCB LAYOUT



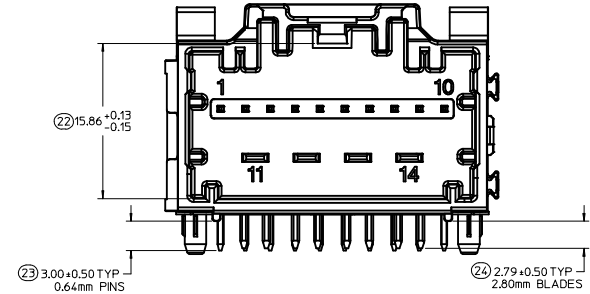
8-20 CKT 0.64mm INTERFACE



10 CKT HYBRID INTERFACE

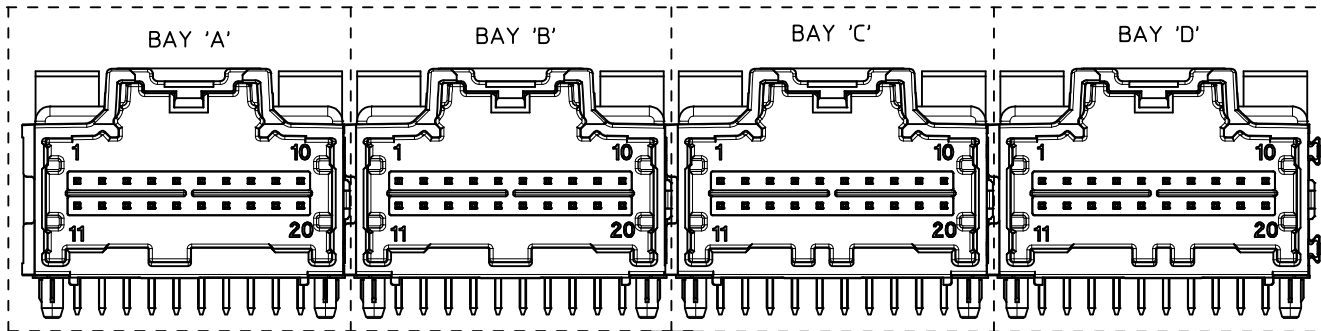


14 CKT HYBRID INTERFACE



ENTER DESCRIPTION IEC NO. UAU2015-1697 DRAWN/FISCHER01 2015/05/14 CHKD: APPR:RBALMAN 2015/05/22	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
					DRAWN BY	DATE	TITLE 3-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING molex			
					VDANIELE	9/05/2008				
					CHECKED BY	DATE				
					CDILLON	9/05/2008				
					APPROVED BY	DATE				
					SMARCEAU	2010/10/20	DOCUMENT NO. SD-34708-300		SHEET NO. 4 OF 4	
			ANGULAR ± 1 °		MATERIAL NO.					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART					
			SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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

150mm 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

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 IMPROVE POLARIZATION
EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.

RELEASED EC NO: UAU2015-1697 DRAWN: FISCHER01 2015/05/14 CHKD: APPR: RBAUMAN 2015/05/22 REV 01	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): <table><tr><th></th><th>mm</th><th>INCH</th></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr><tr><td colspan="3">ANGULAR ± 1 °</td></tr></table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	ANGULAR ± 1 °			DIMENSION STYLE MM ONLY <table><tr><td>DRAWN BY</td><td>DATE</td></tr><tr><td>VDANIELE</td><td>9/05/2008</td></tr><tr><td>CHECKED BY</td><td>DATE</td></tr><tr><td>CDILLON</td><td>9/05/2008</td></tr><tr><td>APPROVED BY</td><td>DATE</td></tr><tr><td>SMARCEAU</td><td>2010/10/20</td></tr></table>	DRAWN BY	DATE	VDANIELE	9/05/2008	CHECKED BY	DATE	CDILLON	9/05/2008	APPROVED BY	DATE	SMARCEAU	2010/10/20	SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	TITLE 4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING	 MOLEX INCORPORATED	DOCUMENT NO. SD-34708-400	SHEET NO. 1 OF 4
				mm	INCH																																			
			4 PLACES	± ---	± ---																																			
			3 PLACES	± ---	± ---																																			
			2 PLACES	± 0.13	± ---																																			
			1 PLACE	± 0.25	± ---																																			
ANGULAR ± 1 °																																								
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APPROVED BY	DATE																																							
SMARCEAU	2010/10/20																																							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																																								
SIZE D THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																																								

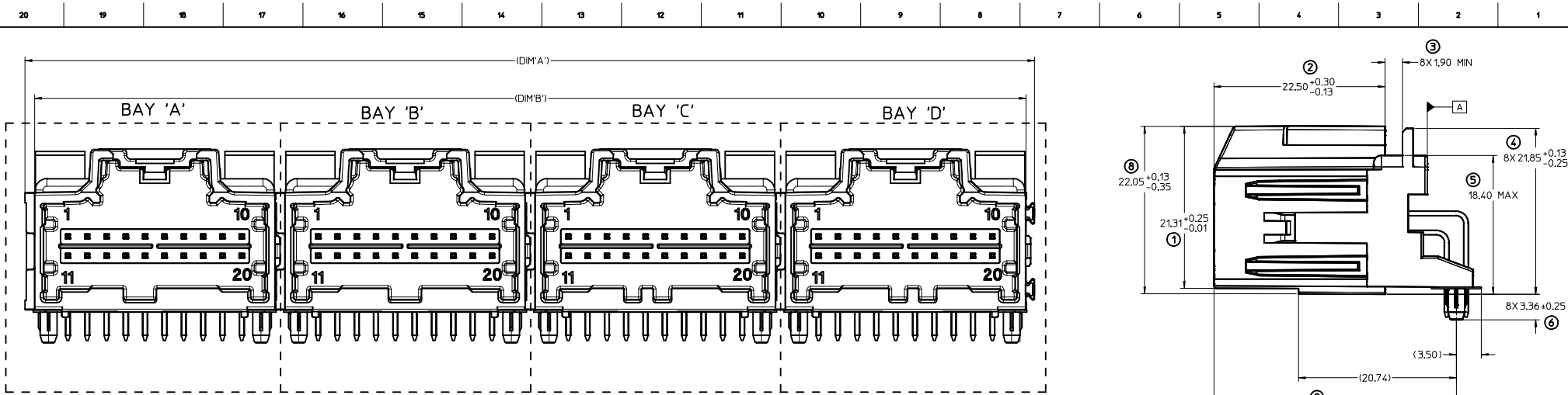
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

DIMENSIONAL CHART FOR MULTIBAY CONFIGURATION:

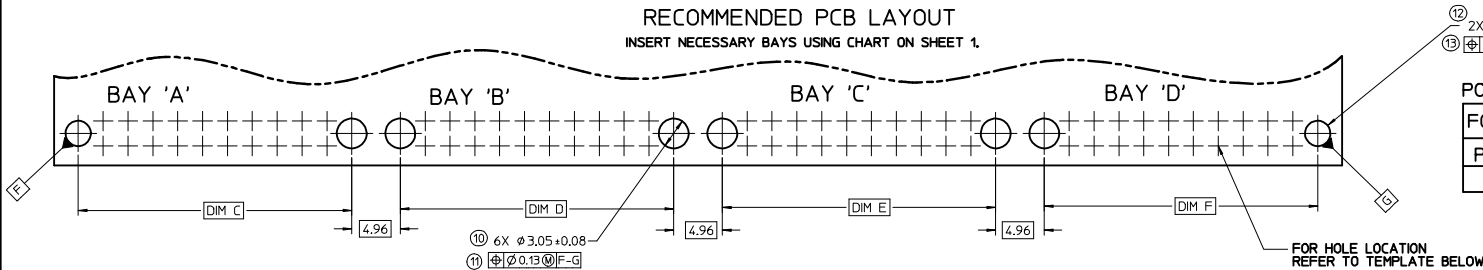
4 BAY PART NUMBER (TUBE PKG)	4 BAY PART NUMBER (TRAY PKG)	BAY A			BAY B			BAY C			BAY D			DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	DIM 'E'	DIM 'F'
		CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL	CKT	TYPE	POL						
34708-9000	34708-4000	20	0.64mm	A	20	0.64mm	B	20	0.64mm	C	20	0.64mm	D	132.74	130.27	27.94	27.94	27.94	27.94
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. UAU2015-1697 DRAWN/FISHER01 2015/05/14 CHKD: APPR:RBALMAN 2015/05/12 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY		4:1	METRIC			
		DRAWN BY		DATE	TITLE					
		VDANIELE		9/05/2008	4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING					
01	DESCRIPTION	CHECKED BY		DATE	DATE					
		CDILLON		9/05/2008	APPROVED BY					
		SMARCEAU		2010/10/20	DATE					
		MATERIAL NO.		2010/10/20	DOCUMENT NO.					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-34708-400		SHEET NO. 2 OF 4				
SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

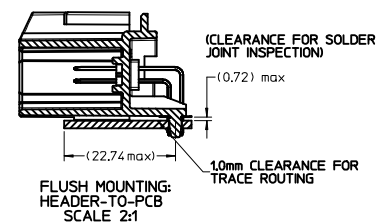


RECOMMENDED PCB LAYOUT INSERT NECESSARY BAYS USING CHART ON SHEET 1.



POST HOLE TABLE:

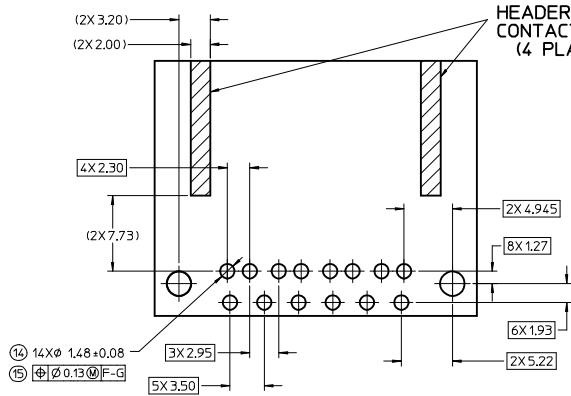
FOR DIM E:	
PRESS FIT:	2.60
DROP IN:	3.05



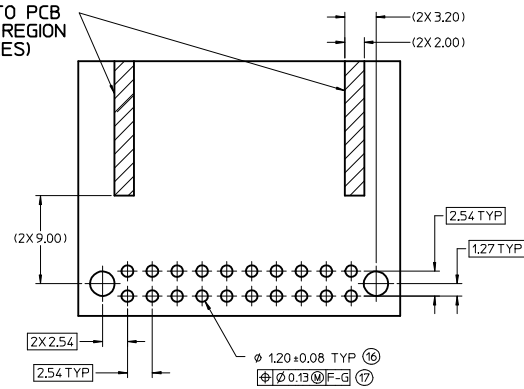
* RECOMMENDED FOR PIN THROUGH
PASTE REFLOW PROCESSING *

RELEASED IEC NO. UAU2015-1697 DRAWN/FISHER01 2015/05/14 CHKD: APPR:RBALMAN 2015/05/12 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION																
	 =0	<table><tr><td></td><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr><tr><td>2 PLACES</td><td>± 0.13</td><td>± ---</td></tr><tr><td>1 PLACE</td><td>± 0.25</td><td>± ---</td></tr></table>			mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DRAWN BY VDANIELE		DATE 9/05/2008	TITLE 4-BAY STAC64 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING		
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
	2 PLACES	± 0.13	± ---																					
	1 PLACE	± 0.25	± ---																					
	 =0			CHECKED BY CDILLON		DATE 9/05/2008																		
				APPROVED BY SMARCEAU		DATE 2010/10/20	 MOLEX INCORPORATED																	
		ANGULAR ± 1 °		MATERIAL NO.			DOCUMENT NO.		SHEET NO.															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART			SD-34708-400		3 OF 4																
			SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																			

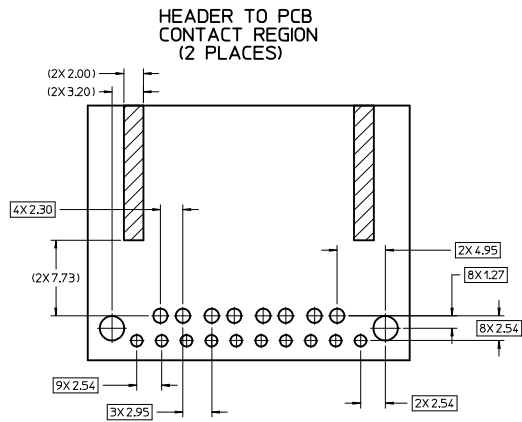
10 CKT HYBRID TEMPLATE PCB LAYOUT



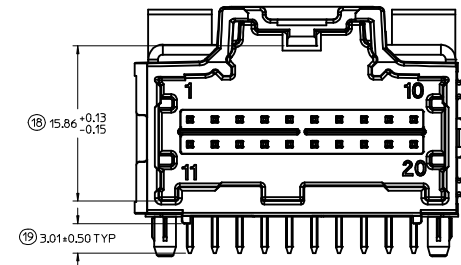
8-20 CKT 0.64mm TEMPLATE PCB LAYOUT



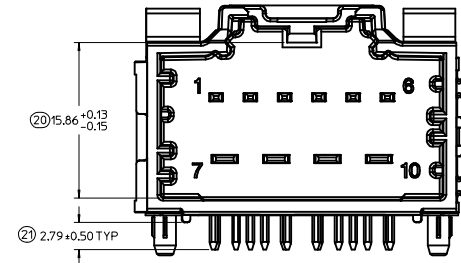
14 CKT HYBRID TEMPLATE PCB LAYOUT



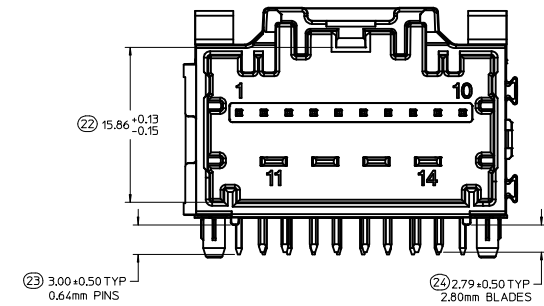
8-20 CKT 0.64mm INTERFACE



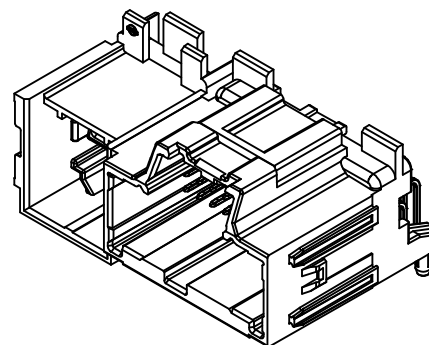
10 CKT HYBRID INTERFACE



14 CKT HYBRID INTERFACE



ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO. UAU2015-1697		DRAWN BY V DANIELE		mm		MM ONLY		4:1		METRIC		TITLE	
2015/05/14		CHECKED BY CD ILLON		± 0.13		DATE		9/05/2008		DATE		9/05/2008	
2015/05/12		APPROVED BY SMARCEAU		± 0.25		DATE		2010/10/20		DATE		2010/10/20	
01		ANGULAR ± 1 °		DRAFT WHERE APPLICABLE		MATERIAL NO.		SEE CHART		DOCUMENT NO.		SD-34708-400	
		MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						SHEET NO. 4 OF 4	

[illegible]

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

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

PRODUCT SPECIFICATION:
8-20 CKT 0.64 PRODUCT SPEC: PS-31408-100
10 CKT HYBRID PRODUCT SPEC: PS-31372-100
HS STAC PRODUCT SPEC: TBD

- b. APPLICATION REQUIREMENTS (REFERENCE ONLY):

APPLICATION SPECIFICATION: TBD

- c. PACKAGING SPECIFICATION PER MOLEX DRAWING TBD

- ## 2. DESIGN: MATERIALS:

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

- b. HS STAC PINS:
0.35mm PINS
BASE MATERIAL: C70250
PLATING TYPE: AS NOTED

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:

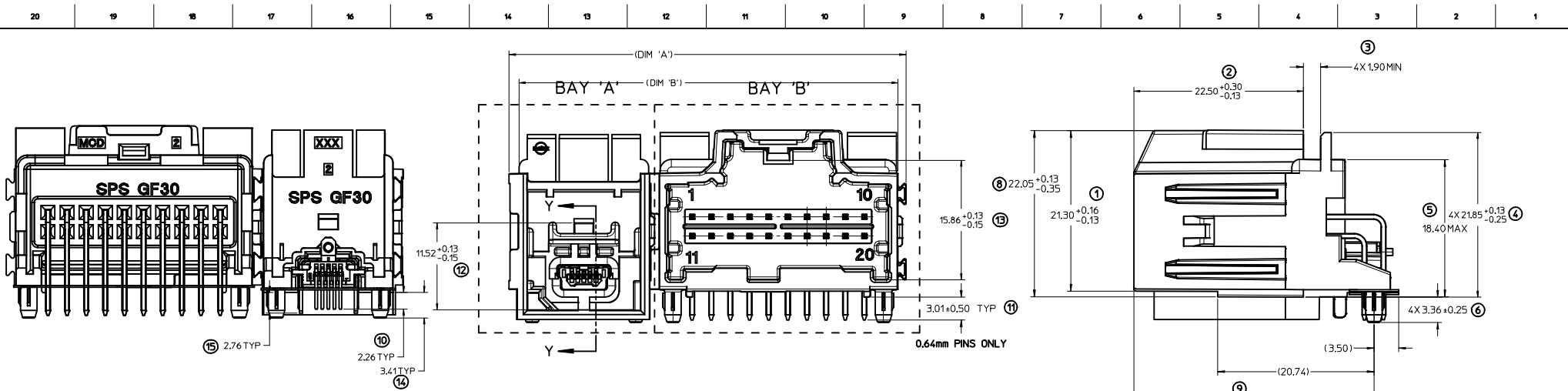
- g. UNDERPLATING - OVERALL NICKEL

- b. OVERPLATING - OVERALL TIN

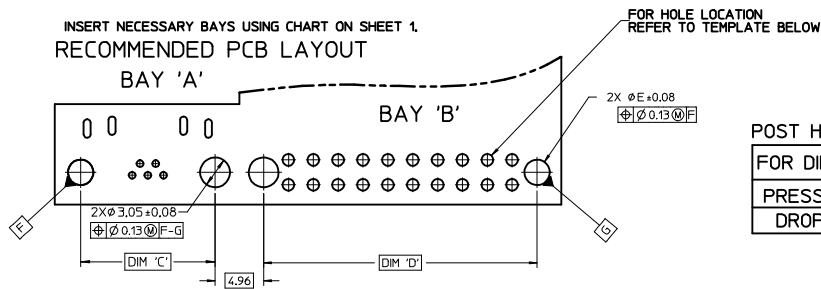
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

SINGLE BAY DRAWINGS:
8-20 CKT 0.64: SD-34691-100
10 CKT HYBRID: SD-34696-100
HS STAC: SD-34786-100

REVISED EC NO: UAU2012-1387 DRAWN:VIANIELE CHKD: APPR:SMARCEA	2012/05/10	2012/05/11	QUALITY SYMBOLS  	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	2-BAY HSSTAC RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING	
					4 PLACES $\pm .mm$ $\pm .---$ INCH 3 PLACES $\pm .---$ $\pm .---$ 2 PLACES $\pm .---$ $\pm .---$ 1 PLACE $\pm .013$ $\pm .---$ 1 PLACE $\pm .025$ $\pm .---$	DRAWN BY DATE VIANIELE 2010/06/24 CHECKED BY DATE JOUNAJ 2010/06/29 APPROVED BY DATE SMARCEA 2010/07/08	TITLE				
					ANGULAR $\pm 1^\circ$	MATERIAL NO.	DOCUMENT NO.	MOLEX INCORPORATED			
					DRAFT WHEN APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE D	SEE CHART		SD-34787-200	SHEET NO.	1 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION										

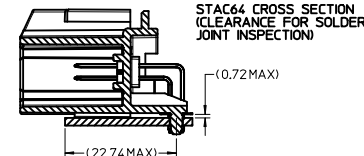


INSERT NECESSARY BAYS USING CHART ON SHEET 1.
RECOMMENDED PCB LAYOUT



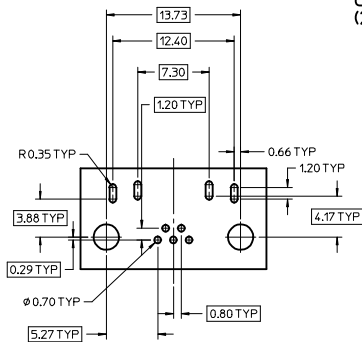
POST HOLE TABLE:

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

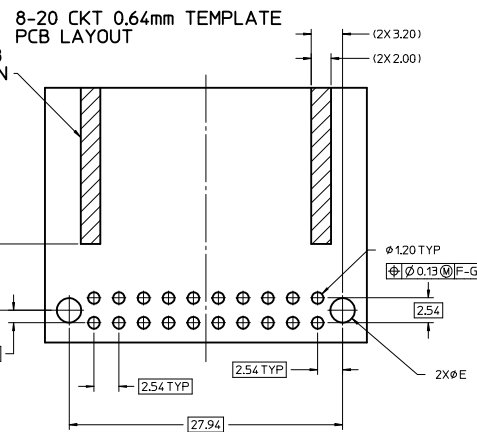


FLUSH MOUNTING:
HEADER-TO-PCB
SCALE 2:1

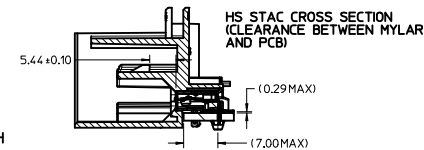
HS STAC TEMPLATE PCB LAYOUT



HEADER TO PCB CONTACT REGION (2 PLACES)



★ RECOMMENDED FOR PIN THROUGH
PASTE REFLOW PROCESSING ★



FLUSH MOUNTING
HEADER-TO-PCB
SCALE 2:1

REVISED EC NO: UAU2012-1387 DRAWN BY: V DANIELE CHKO: 2012/05/10 APPR: SMARCEAU 2012/05/11	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				DRAWN BY VDANIELE	DATE 2010/06/24	2-BAY HSSTAC RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING  MOLEX INCORPORATED		
				CHECKED BY JDUANA	DATE 2010/06/29			
				APPROVED BY SMARCEAU	DATE 2010/07/08			
				MATERIAL NO. SD-34787-200				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART				