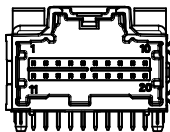
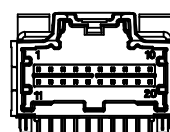
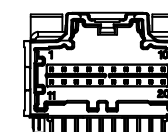
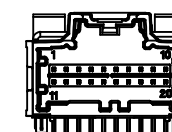
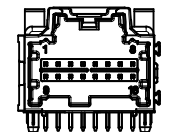
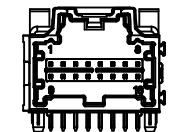
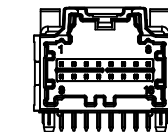
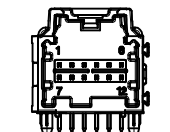
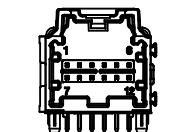
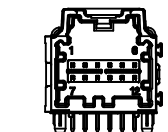
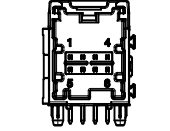
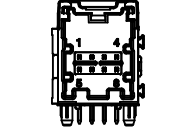
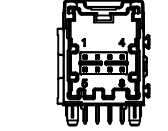
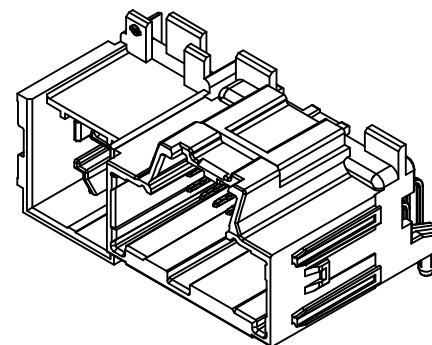


	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1				
M																								
L	POLARIZATION OPTION A P/N 34691-0200				POLARIZATION OPTION B P/N 34691-0201				POLARIZATION OPTION C P/N 34691-0202				POLARIZATION OPTION D P/N 34691-0203											
K																								
J	POLARIZATION OPTION A 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-008-2-202 064-U-012-2-203 064-U-016-2-203 064-U-020-2-202 SOME CHAMFERS HAVE BEEN MODIFIED TO IMPROVE POLARIZATION EFFECTIVENESS. SEE AS-34729-002/AS-31408-100.																							
D																								
C																								
B																								
A																								
ib, Irons, D.P., AN, T Rev. E 2006/04/15																								

MATERIAL NUMBER			CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31300-892	TUBE PACKAGING PK-31301-063	ALT TRAY PACK PK-31300-894				
34691-0200	34691-9200	34691-9204	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0201	34691-9201	TBD	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0202	34691-9202	TBD	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0203	34691-9203	TBD	20	STAC64 RIGHT ANGLE HEADER ASSEMBLY	D	GREEN
34691-0160	34691-9160	TBD	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0161	34691-9161	TBD	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0162	34691-9162	TBD	16	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0120	34691-9120	TBD	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0121	34691-9121	TBD	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0122	34691-9122	TBD	12	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN
34691-0080	34691-9080	TBD	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34691-0081	34691-9081	TBD	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34691-0082	34691-9082	TBD	8	STAC64 RIGHT ANGLE HEADER ASSEMBLY	C	BROWN

UPDATED DIMENSIONS EC NO. UAI/2017-1044 DRAWN: F. SCHEROT 2017/05/11 CHKD: - APPR: BRAUNMAN 2017/05/15	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± .--- mm ± .--- INCH	3 PLACES ± .--- mm ± .--- INCH	2 PLACES ± 0.13 mm ± .--- INCH	1 PLACE ± 0.25 mm ± .--- INCH	ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE D
		DRAWN BY MBAILEY 10/02/06		DATE 10/02/06		TITLE STAC64 SINGLE BAY RIGHT ANGLE ASSEMBLY SALES DRAWING		
		CHECKED BY CDILLON 04/18/07		DATE 04/18/07		APPROVED BY SMARCEAU 2010/11/04		
		MATERIAL NO.		DOCUMENT NO.		SD-34691-100		SHEET NO. 1 OF 2

[illegible]

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

- d. 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:

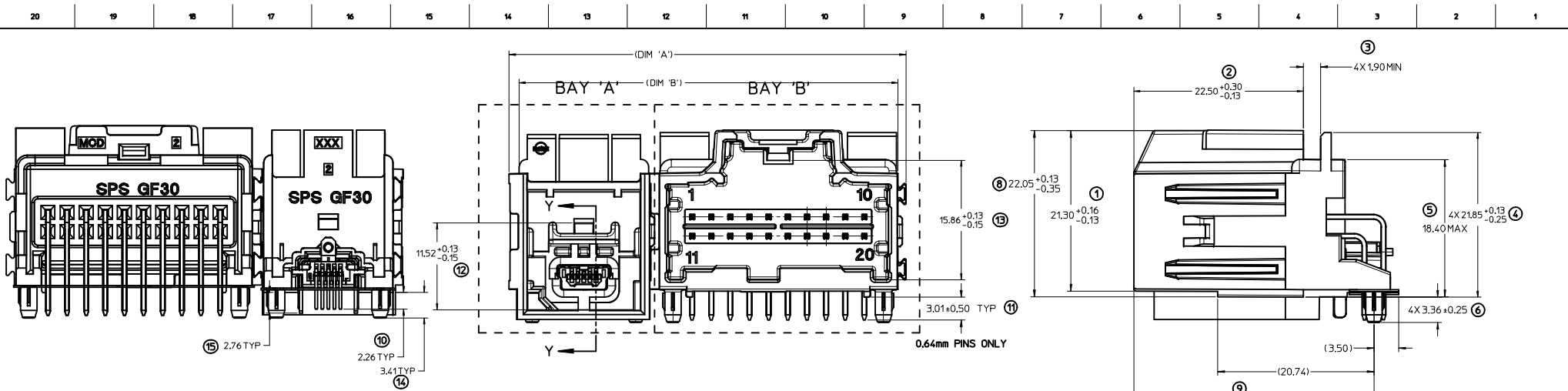
- g. UNDERPLATING - OVERALL NICKEL

- b. OVERPLATING - OVERALL TIN

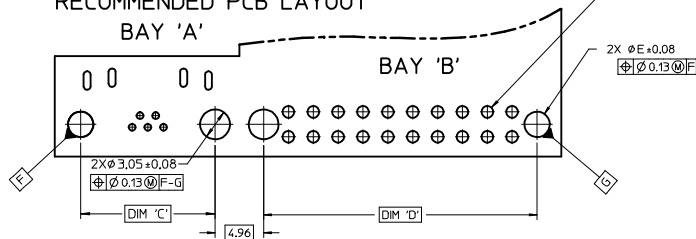
4. FOR DESCRIPTION OF INDIVIDUAL BAYS, REFER TO THE FOLLOWING

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: LIA/2012-1387 DIPUNMANIELE CHKD: 2012/05/10 APPR: SMARCEAU 2012/05/11	QUALITY SYMBOLS ▽=0 ▽=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY DATE VDANIELE 2010/06/24		TITLE 2-BAY HSSTAC RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING		
			4 PLACES ± .---	± .---	CHECKED BY DATE JDUNA J 2010/06/29		MOLEX INCORPORATED		
			3 PLACES ± .---	± .---	APPROVED BY DATE SMARCEAU 2010/07/08				
			2 PLACES ± 0.13	± .---	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
			1 PLACE ± 0.25	± .---	SEE CHART		SD-34787-200		1 OF 2
			ANGULAR ± 1 °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						

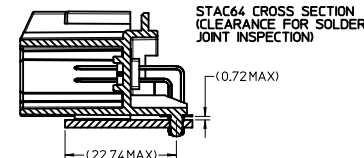


INSERT NECESSARY BAYS USING CHART ON SHEET 1.
RECOMMENDED PCB LAYOUT



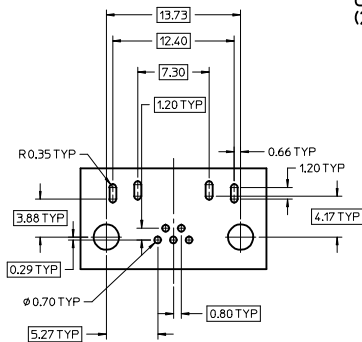
POST HOLE TABLE:

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

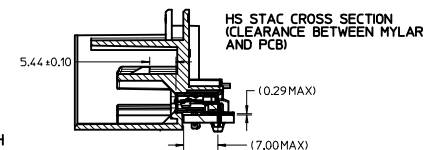
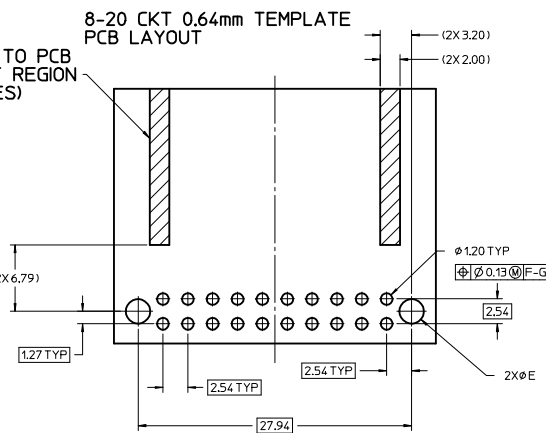


FLUSH MOUNTING:
HEADER-TO-PCB
SCALE 2:1

HS STAC TEMPLATE PCB LAYOUT



HEADER TO PCB CONTACT REGION (2 PLACES)



FLUSH MOUNTING
HEADER-TO-PCB
SCALE 2:1

* RECOMMENDED FOR PIN THROUGH
PASTE REFLOW PROCESSING *

REVISED EC NO: UAU2012-1387 DRAWN BY: V DANIELE CHKD: CHKO APPR: SMARCEAU DATE: 2012/05/11	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		
		3 PLACES ±		---	---	VDANIELE	2010/06/24	2-BAY HSSTAC RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING		
		2 PLACES ±		0.13	---	CHECKED BY	DATE			
		1 PLACE ±		0.25	---	JDUNA J	2010/06/29			
		ANGULAR ± 1 °				APPROVED BY	DATE			
						SMARCEAU	2010/07/08			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				MATERIAL NO.	DOCUMENT NO.	MOLEX MOLEX INCORPORATED		
				SEE CHART		SD-34787-200				
				SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
						SHEET NO. 2 OF 2				