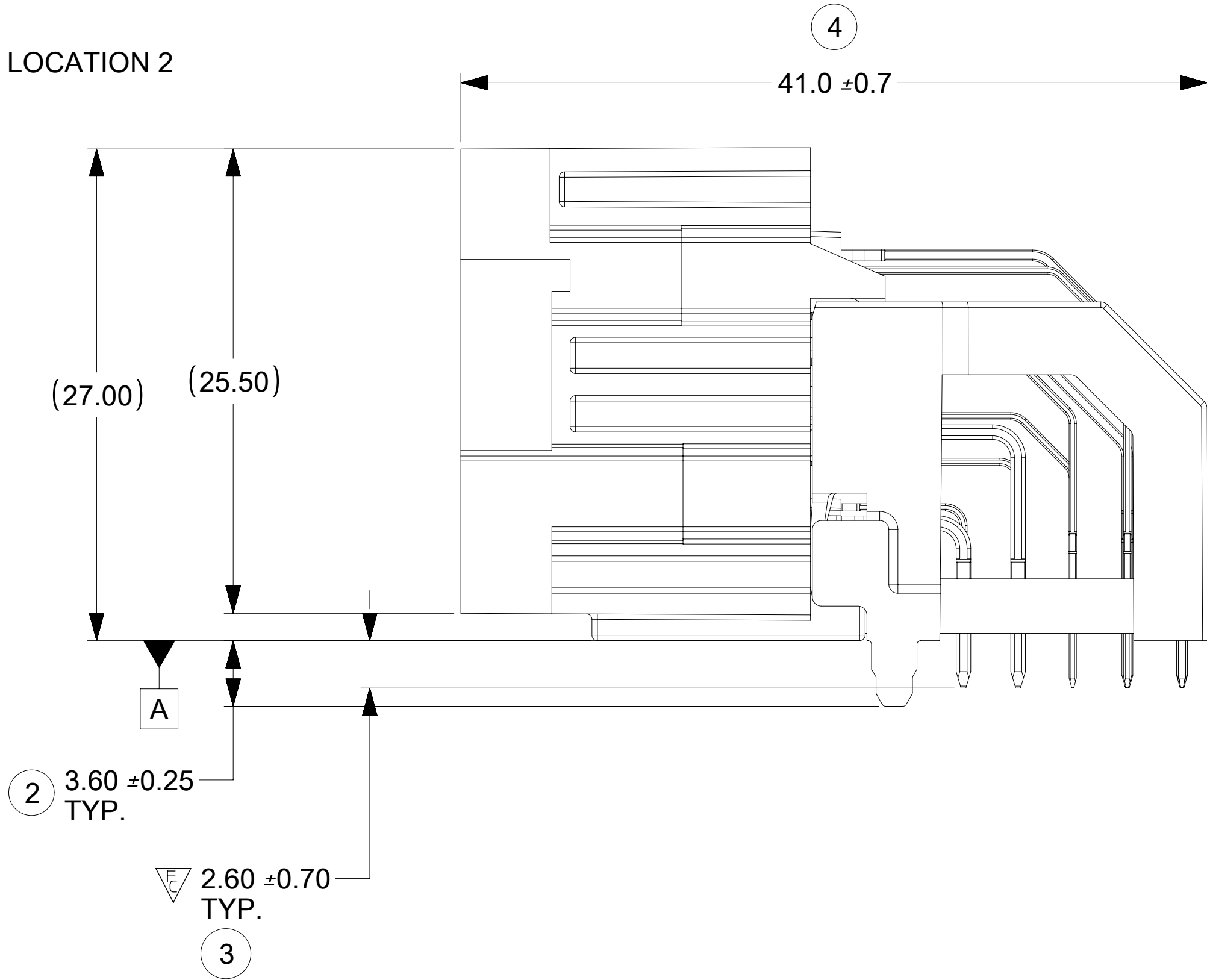
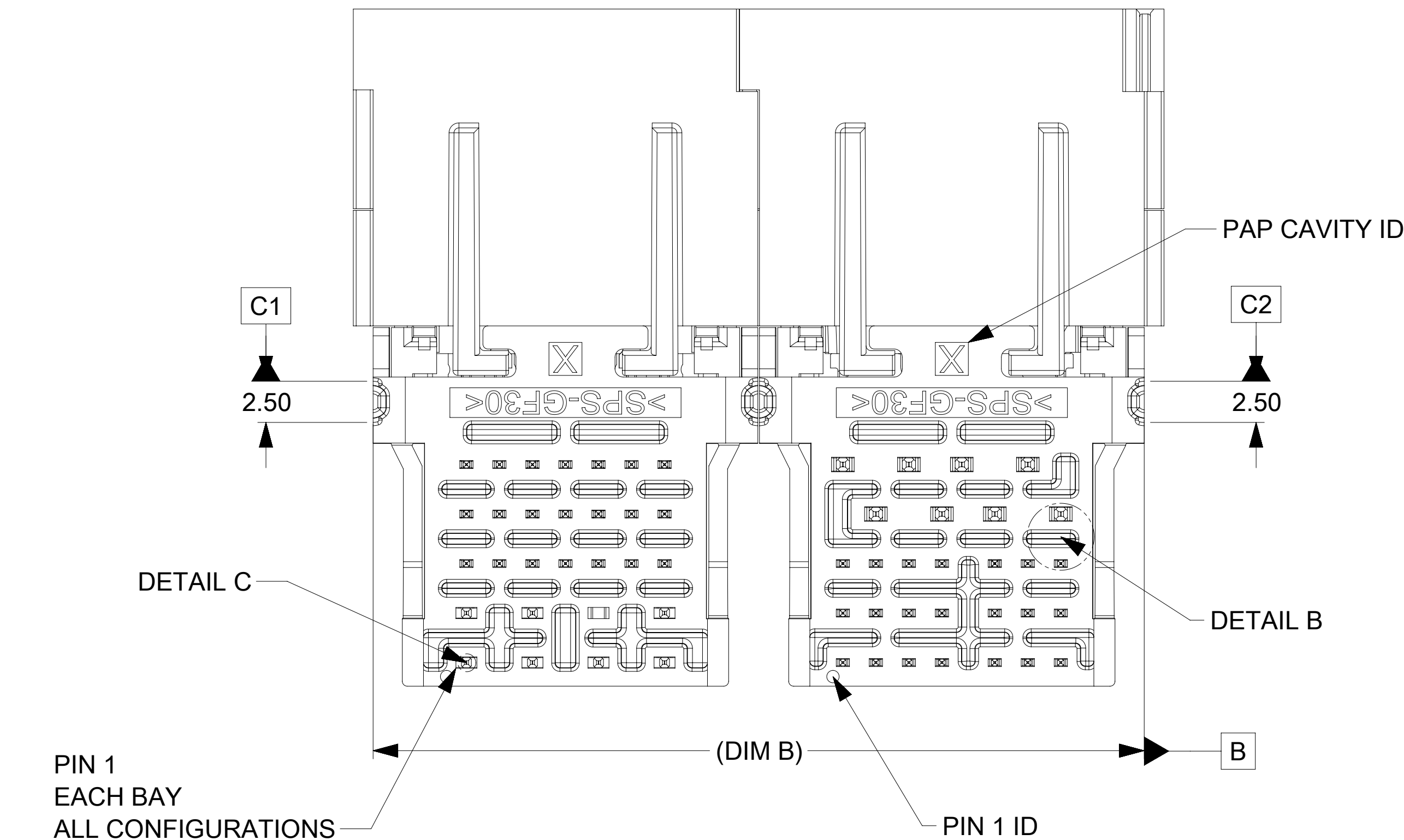


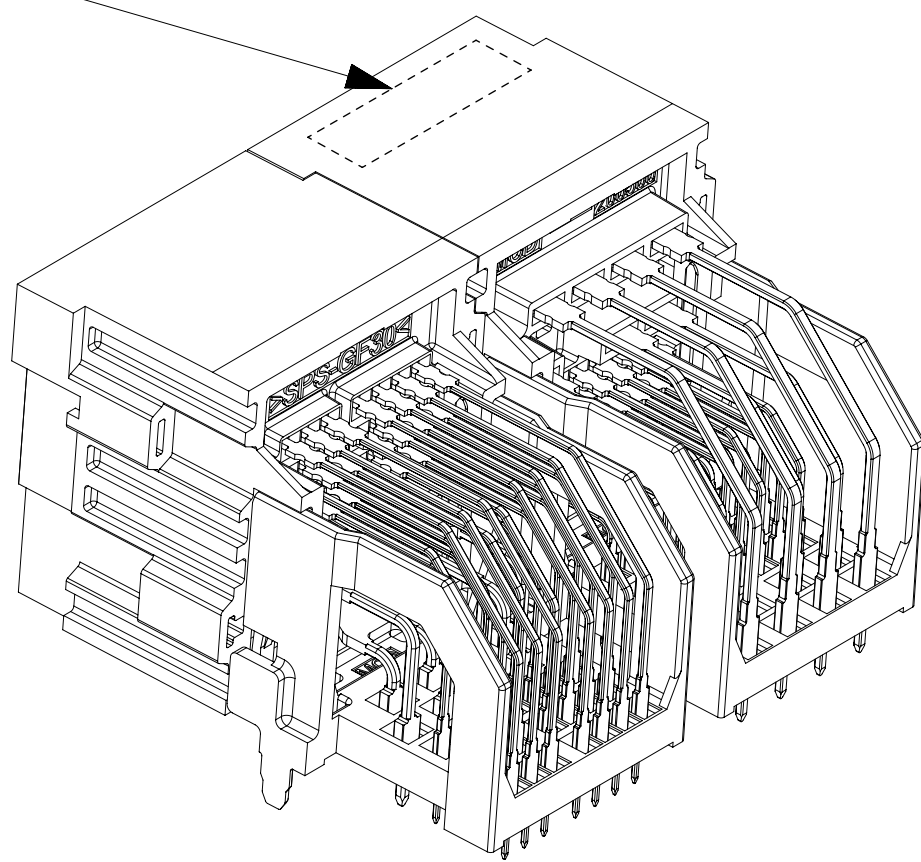
SEE INTERFACE DRAWING(SEE CHART) FOR POCKET DETAILS
SEE NOTE 3.7



MARKING THIS HALF OF THIS SURFACE, BAY 1 (SEE NOTE 4.3)
DATE AND TIME CODE: YYDDHHMMSS
PART NUMBER: 200506XXXX



BAY QTY	DIM A	DIM B
2	49.1	46.7
3	72.5	70.1
4	95.9	93.5
5	119.3	116.9
6	142.7	140.3
7	166.1	163.7



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- 1.1 APPLICATION SPECIFICATION 2005060000-AS
- 1.2 PRODUCT SPECIFICATION 2005060001-PS
CLASSIFICATIONS T1V1S1 TO GMW 3191 2012
- 1.3 PACKAGING SPECIFICATION PER MOLEX DRAWING

2. DESIGN - MATERIALS: SEE COMPONENT DRAWINGS

- 2.1 HOUSING: SPS 30% GF
- 2.2 BLADE TERMINALS:
 - A. 0.5MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY > 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - B. 1.2MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY > 28% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN
 - C. 2.8MM BLADES
BASE MATERIAL: COPPER ALLOY
CONDUCTIVITY > 40% IACS @ 20°C
UNDERPLATE: OVERALL NICKEL
OVERPLATE: OVERALL TIN

3. DESIGN - GEOMETRY:

- 3.1 ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
- 3.2 PRODUCT DESIGN MODEL NUMBER: SEE CHART. MODEL NUMBERS SAME AS PART NUMBERS
- 3.3 GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5-2009
- 3.4 EDGES OF UNDEFINED SHAPE PER ISO 13715
- 3.5 CORNERS SHOWN AS SHARP TO BE R 0.4 MAX.
- 3.6 LETTERING SHALL BE MAX POSSIBLE FOR READABILITY. THIS INCLUDES RECYCLING CODE, CAVITY ID,VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- 3.7 FOR BAY/POCKET DEFINITION SEE MOLEX INTERFACE DRAWINGS IN CHART. FUNCTIONAL APPLIES TO ALL FUNCTIONALS IN INTERFACE DRAWINGS.
- 3.8 G DENOTES DIMENSIONS TO BE QUALIFIED WITH GAGE FOR PPAP AND IN PROCESS QUALITY CHECKS.

4. DESIGN - MANUFACTURING:

- 4.1 VISUAL DEFECTS SHALL MEET MOLEX COSMETIC STANDARD PS-45499-002 (CLASS B)
- 4.2 REFLOW SOLDERABILITY PER SMES-152
- 4.3 LASER ETCHED PART MARKING (1.5mm HEIGHT)

INSPECTION BALLOON NUMBER LOG
PER DRAWING REVISION A
LAST BALLOON NUMBER: 16
ADDED BALLOON NUMBER: NONE
DELETED BALLOON NUMBER: NONE

SEE SHEET 2	
REVISION	DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				CURRENT REV DESC: SEE REVISION TABLE IN SHEET 2			
DIMENSION UNITS	SCALE	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL		PLACES	
mm		± 0.5°		± 0.0		± 0.0	
2 PLACES		± 0.13		1 PLACE		± 0.25	
0 PLACES		± 0.0		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	
DRAWING		D-SIZE		SERIES		MATERIAL NUMBER	
200506		SEE CHART		CUSTOMER		SHEET NUMBER	
1 OF 4							

DOCUMENT STATUS	P1	RELEASE DATE	2020/01/30	15:41:25
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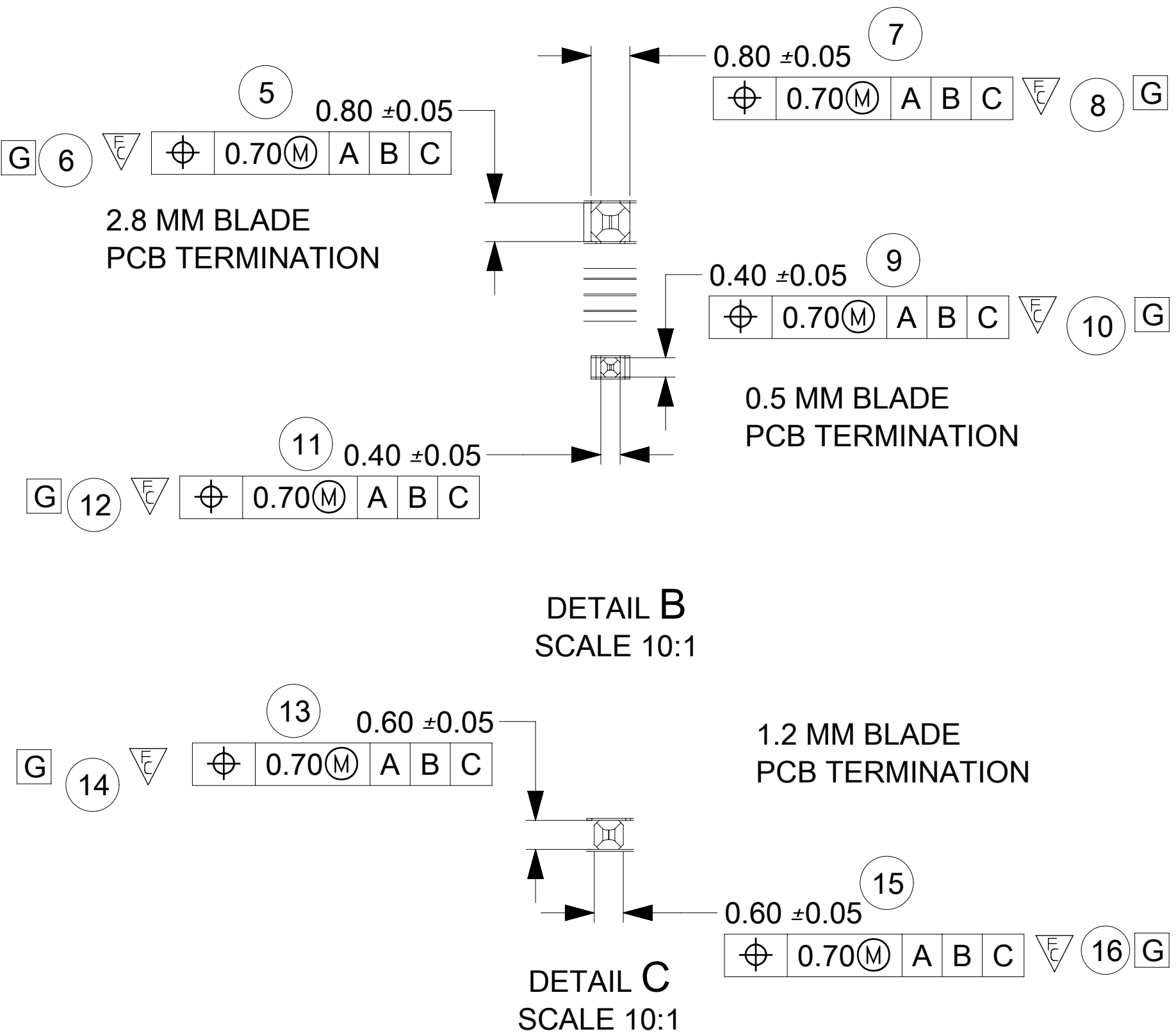
	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
M	SINGLE BAY ASSEMBLY PART NUMBER PER LOCATION																		
	ASSEMBLY PART NO.	1	2	3	4	5	6	7											
	2005062004	2005020284	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005062005	2005020121	2005020271	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
L	2005066001	2005020281	2005020322	2005020253	2005020283	2005020324	2005020273	-----NA-----											
	2005063001	2005020123	2005020321	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005062007	2005020121	2005020122	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
K	2005062008	2005020321	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063006	2005020321	2005020282	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063007	2005020321	2005020322	2005020323	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
J	2005063008	2005020321	2005020282	2005020283	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063003	2005020251	2005020252	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063009	2005020123	2005020253	2005020322	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
H	2005062009	2005020284	2005020281	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063010	2005020122	2005020123	2005020124	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063011	2005020322	2005020252	2005020251	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
G	2005062011	2005020271	2005020272	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005066002	2005020251	2005020252	2005020123	2005020122	2005020124	2005020322	-----NA-----											
	2005065003	2005020251	2005020252	2005020253	2005020324	2005020323	-----NA-----	-----NA-----											
F	2005062012	2005020323	2005020121	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063012	2005020321	2005020322	2005020254	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005064004	2005020321	2005020322	2005020323	2005020324	-----NA-----	-----NA-----	-----NA-----											
E	2005062013	2005020323	2005020324	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005062014	2005020324	2005020321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005064006	2005020253	2005020281	2005020282	2005020283	-----NA-----	-----NA-----	-----NA-----											
D	2005062015	2005020271	2005020124	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----											
	2005063015	2005020323	2005020271	2005020124	-----NA-----	-----NA-----	-----NA-----	-----NA-----											

SINGLE BAY ASSEMBLY	DRAWING	INTERFACE DRAWING	TERMINAL QUANTITIES		
			0.5mm	1.2mm	2.8mm
2005020121 THROUGH 2005020124	2005021120SD	SD-160026-002		8	4
2005020251 THROUGH 2005020254	2005021250SD	SD-160027-002	21		4
2005020271 THROUGH 2005020274	2005021270SD	SD-160029-002	19	8	
2005020281 THROUGH 2005020284	2005021280SD	SD-160014-002	21	7	
2005020321 THROUGH 2005020324	2005021320SD	SD-160028-002	28	4	

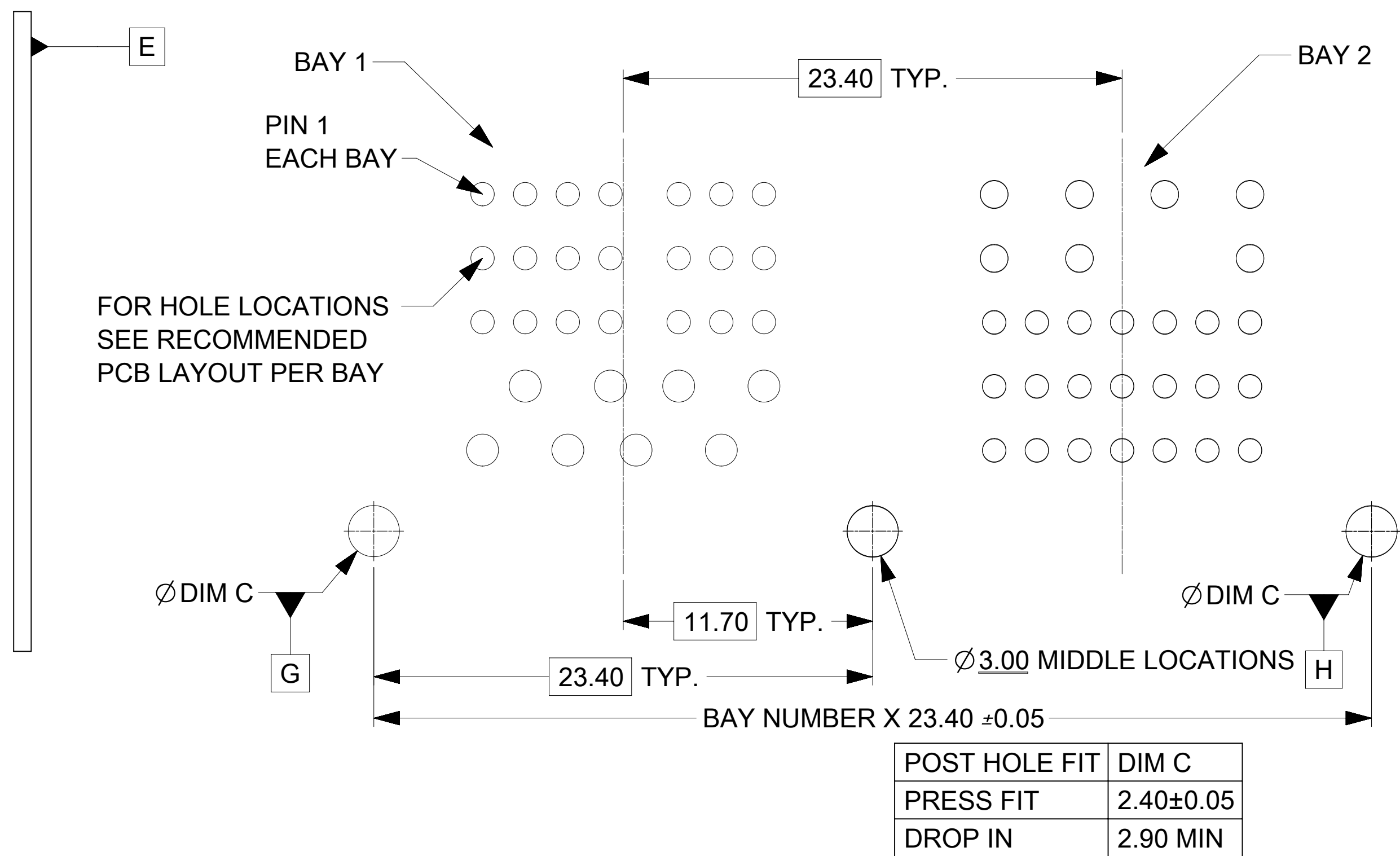
C7	ADDED PCB HOLE DIMENSIONAL & POSITIONAL TOLERANCE ADDED PART NUMBERS 2005062015 & 2005063015 07JAN2020 JBR ECN 630121
C6	ADDED PART NUMBER 2005064006 ECN 623652
C5	ADDED PART NUMBER 2005062013, 2005062014 ECN 621423
C4	ADDED PART NUMBER 2005064004 ECN 620443
C3	ADDED PART NUMBER 2005063012 ECN 618092
C2	ADDED PART NUMBER 2005062012 ECN 610976
C1	CORRECTED BAY SERIES NUMBER IN 2005062001. UPDATED PCB TERMINATION TOLERANCE TO MATCH SINGLE BAY DRAWINGS. CLARIFIED PCB HEIGHT TO DATUM A. ECN 602205.
C	INTERFACE GEOMETRY CHANGE TO LOCK TAB. ADDED PART NUMBERS. SAP ECN 10906786.
B6	ADDED PART NUMBER 2005062011. CORRECTED PART NUMBER 2005063003. SAP ECN 10901610
B5	ADDED TWO NEW PART NUMBERS AND CHANGED KEYS FOR 2005062009 SAP ECN 10878438
B4	ADDED PART NUMBER
B3	REVISED PART NUMBER SAP ECN 10868615
B2	ADDED PART NUMBER SAP ECN 10867945
B1	CORRECTED PART NUMBERS. ADDED PART NUMBER. CHANGED TOL ON DIM 4 TO +/-0.7. CORRECTED VIEW ROTATION SHEET 3. RELEASE TO SAP ECN 10861460.
B	MODULE OPENING CHANGE. UPDATED NOTES. ADDED NEW PART NUMBERS
A5	ADDED PART NUMBER
A4	ADDED PART NUMBER
A3	RELEASE TO GENERAL MARKET
A2	CHANGED PART NUMBER MARKING, MODIFY DIMENSIONS
A1	ADDED PN 2005066001
A	INITIAL RELEASE
REVISION	DESCRIPTION

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REVISION TABLE IN SHEET 2				<div>molex</div>							
mm															
GENERAL TOLERANCES (UNLESS SPECIFIED)								STAK50H MOD HDR RA MULTI-BAY ASSEM							
ANGULAR TOL		±	0.5 °												
4 PLACES		±	0.0												
3 PLACES		±	0.0												
2 PLACES		±	0.13	INITIAL REVISION: DRWN: JJOYA 2016/05/31 APPR: KDEKOSKI 2016/06/17				PRODUCT CUSTOMER DRAWING							
1 PLACE		±	0.25					DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES		±	0.0					2005060000		PSD	000	C7			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
						D-SIZE		200506		SEE CHART				2 OF 4	
DOCUMENT STATUS		P1	RELEASE DATE		2020/01/30		15:41:25								

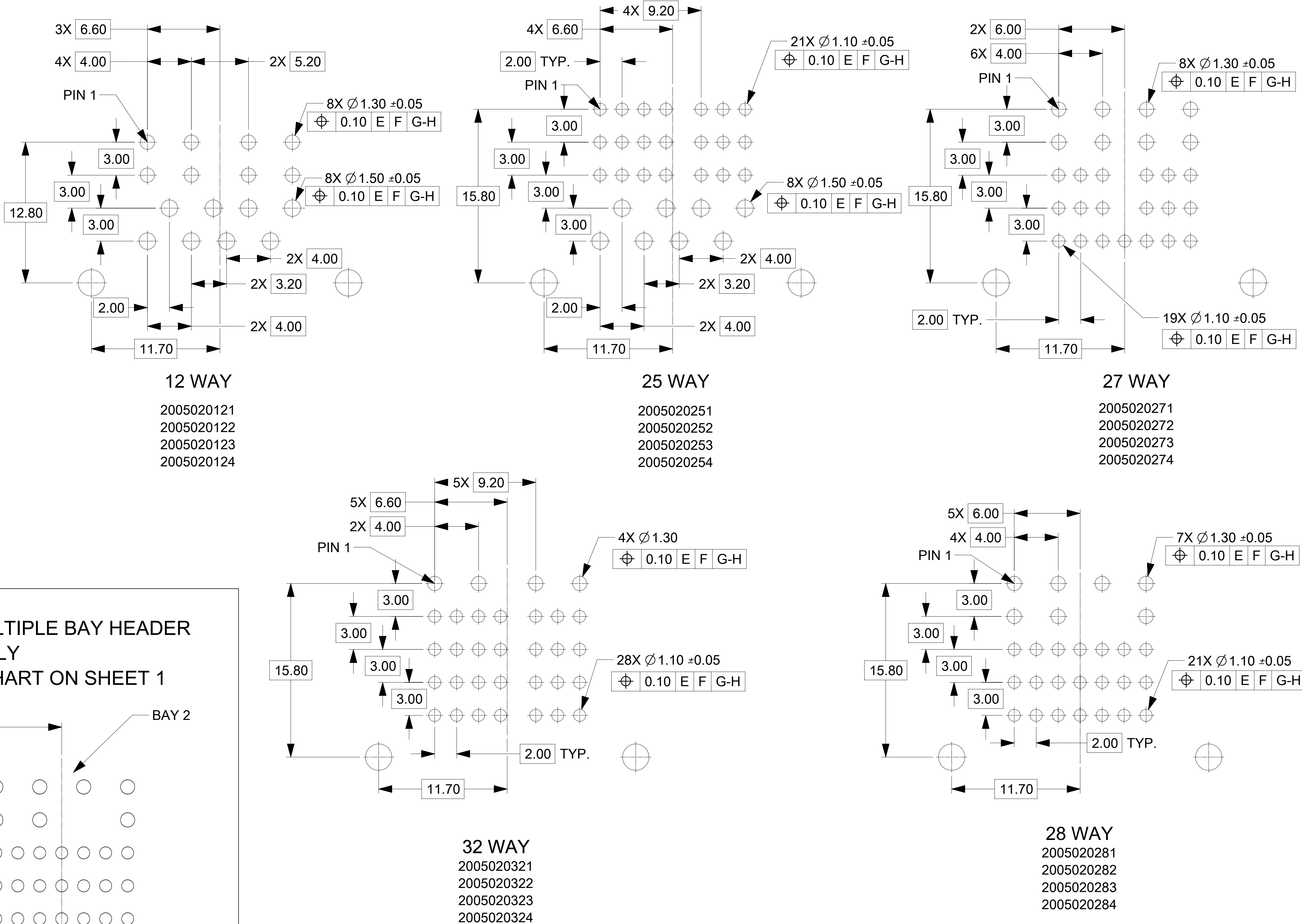
TYPICAL PCB TERMINATIONS
SIZE AND TRUE POSITION TOLERANCES
SEE INDIVIDUAL SINGLE BAY DRAWINGS
FOR LOCATIONS (CHART ON SHEET 1)
PARTS TO BE CHECKED WITH FUNTIONAL GAGE
SEE NOTE 3.8




RECOMMENDED PCB LAYOUT FOR MULTIPLE BAY HEADER
FOR REFERENCE ONLY
INSERT NECESSARY BAYS USING CHART ON SHEET 1



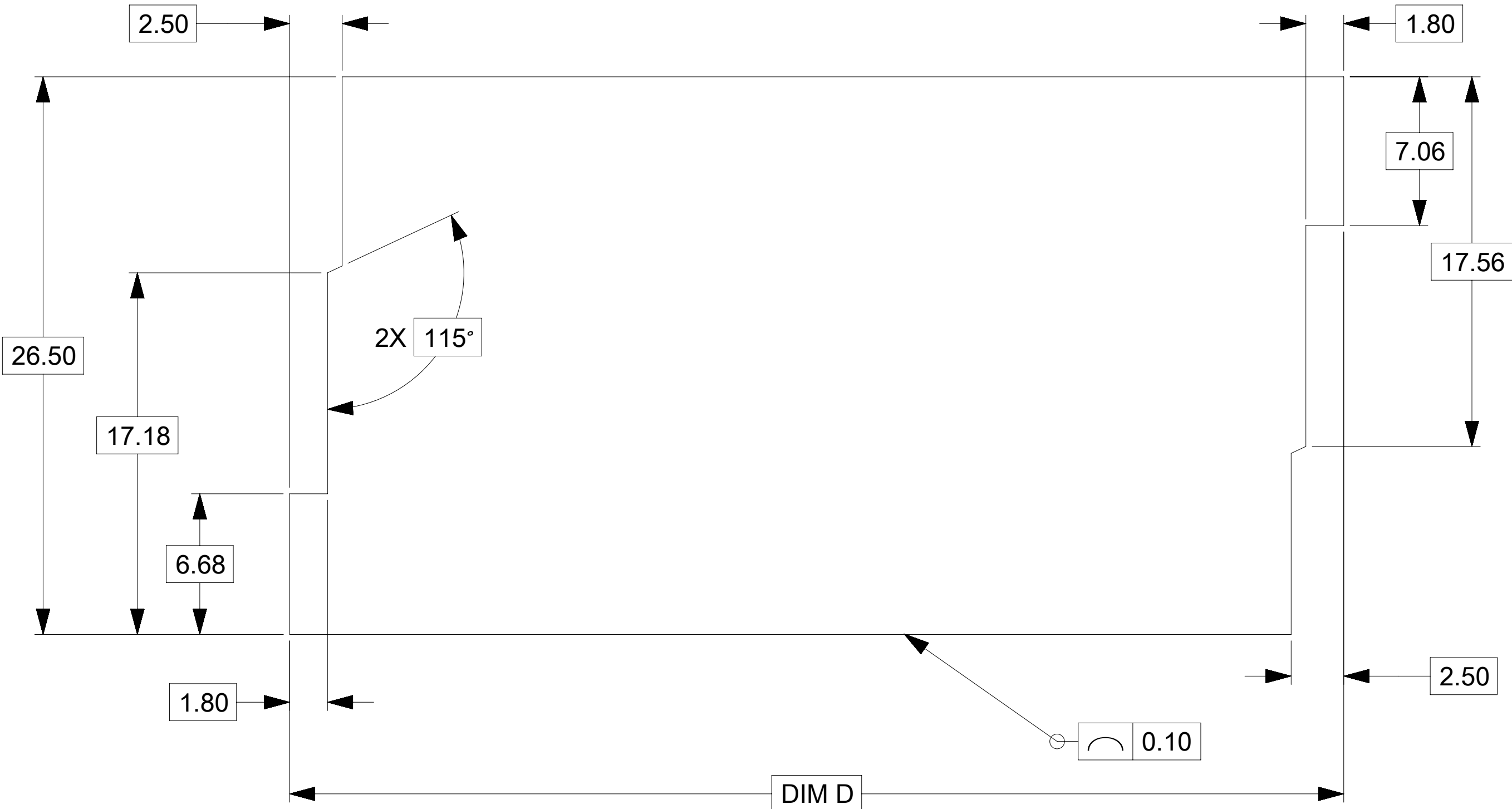
RECOMMENDED PCB LAYOUT PER BAY
FOR REFERENCE ONLY



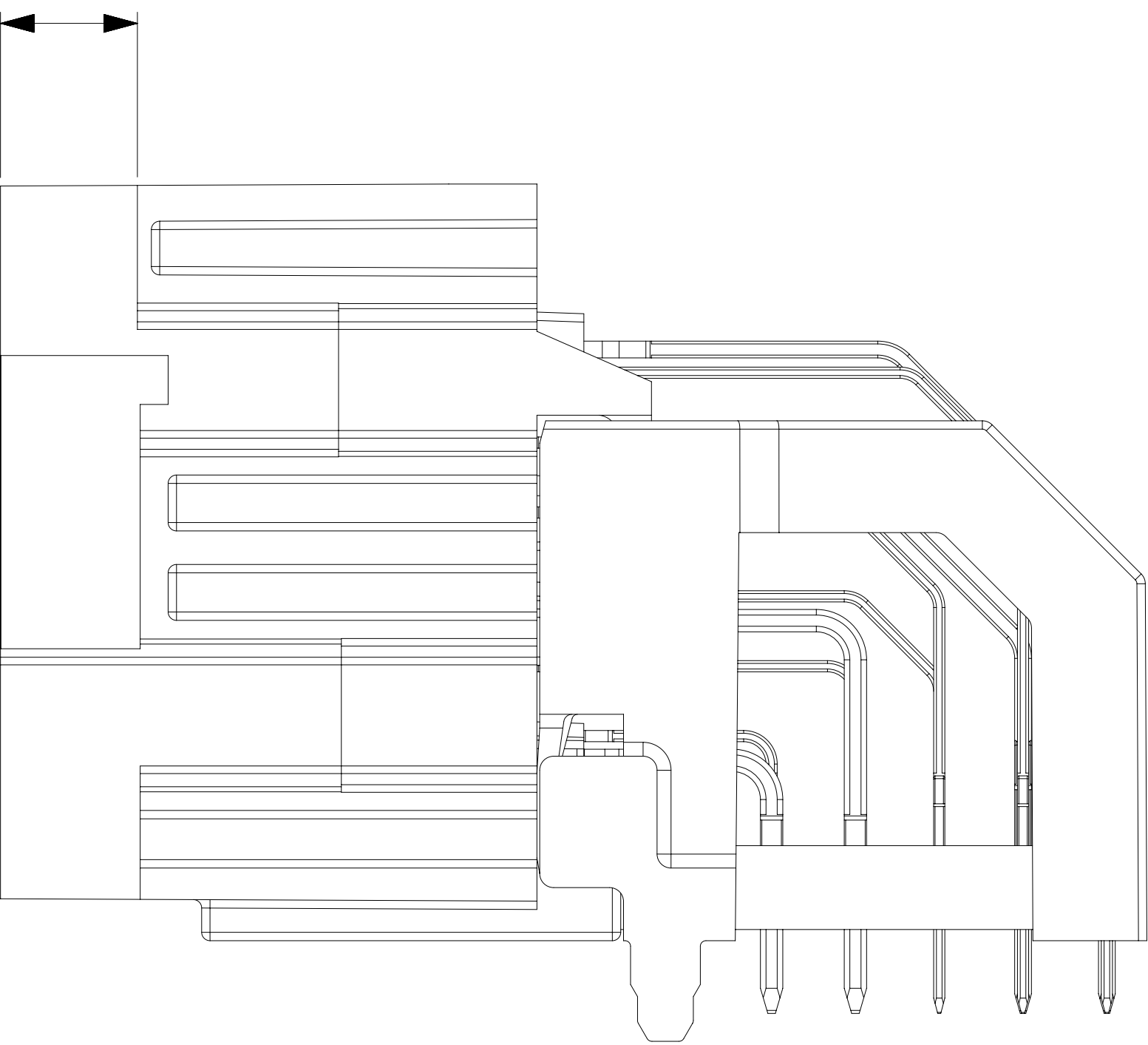
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
DIMENSION UNITS		SCALE	CURRENT REV DESC: SEE REVISION TABLE IN SHEET 2				<div>molex</div>				
mm											
GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 630121 DRWN: YPENG47 2019/12/23 CHK'D: JRUTTER 2020/01/28 APPR: JCONDON 2020/01/30				STAK50H MOD HDR RA MULTI-BAY ASSEM
ANGULAR TOL ± 0.5°											
4 PLACES		± 0.0									
3 PLACES		± 0.0									
2 PLACES		± 0.13									
1 PLACE		± 0.25	INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
0 PLACES		± 0.0					2005060000		PSD	000	C7
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
					D-SIZE	200506	SEE CHART				3 OF 4

BAY QTY	DIM D
2	50.1
3	73.5
4	96.9
5	120.3
6	143.7
7	167.1

RECOMMENDED MODULE OPENING
TO PASS ISO 20653 IP-4

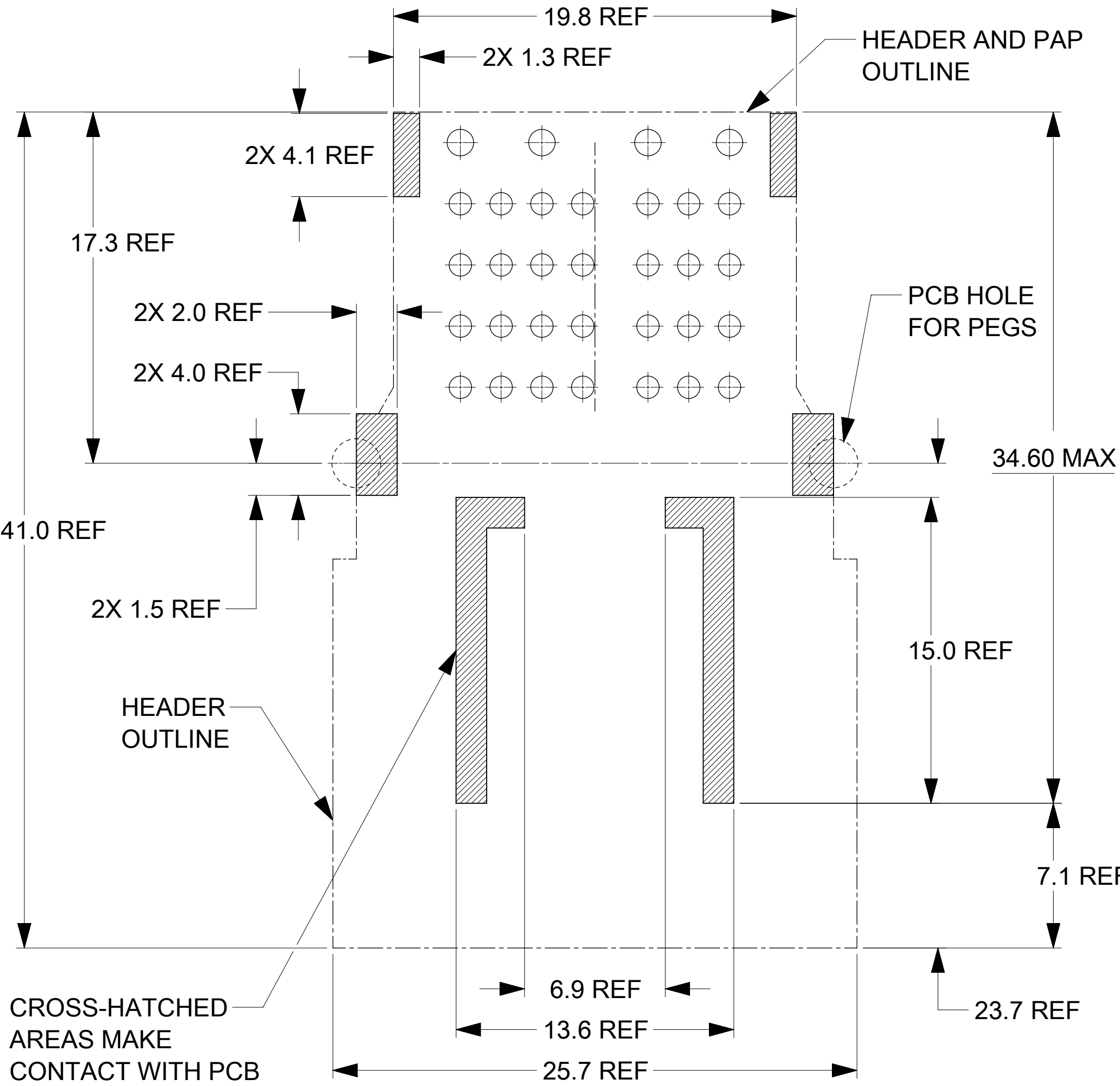


(4.90)
SPACE FOR
MODULE
COVER



FOR PACKAGE SPACE FOR CONNECTOR
UNMATED AND MATED WITH COVER
SEE INTERFACE DRAWINGS (CHART ON SHEET 1)

HEADER OUTLINE AND
PCB - HEADER CONTACT AREAS
FOR REFERENCE ONLY



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE	CURRENT REV DESC: SEE REVISION TABLE IN SHEET 2	
mm			
GENERAL TOLERANCES (UNLESS SPECIFIED)			
ANGULAR TOL	± 0.5°	EC NO: 630121	
4 PLACES	± 0.0	DRWN: YPENG47 2019/12/23	
3 PLACES	± 0.0	CHK'D: JRUTTER 2020/01/28	
2 PLACES	± 0.13	APPR: JCONDON 2020/01/30	
1 PLACE	± 0.25	INITIAL REVISION:	
0 PLACES	± 0.0	DRWN: JJOYA 2016/05/31	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: KDEKOSKI 2016/06/17	
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
	D-SIZE	200506	SEE CHART

STAK50H MOD HDR RA MULTI-BAY ASSEM

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2005060000	PSD	000	C7

CUSTOMER	SHEET NUMBER
	4 OF 4