


BAY QTY	DIM A
2	49.1
3	72.5
4	95.9
5	119.3
6	142.7
7	166.1

C4	ADDED PART NUMBER 2005055004 ECN 615503
C3	ADDED PART NUMBER 2005052009 ECN 610976
C2	ADDED PACKAGING COLUMN TO CHART
C1	ADDED NOTE 2.3, ADDED PART NUMBERS. ECN 602740.
C	INTERFACE GEOMETRY CHANGE TO LOCK TAB. SAP ECN 10906786.
B4	SWITCHED BAYS IN 2005052004 1MAY2018 ECN 10895975
B3	ADDED PART NUMBERS
B2	ADDED PART NUMBERS
B1	ADDED PART NUMBERS
B	PCB POST CHANGE, MODULE OPENING CHANGE, NOTES UPDATE
A2	ADDED PART NUMBERS, CHANGED MARKING. GDT ON MODULE OPENING.
A1	CHANGED 2005053003 25K2
A	RELEASE
1	INITIAL RELEASE
REVISION	DESCRIPTION

SYMBOLS		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: ADDED PN 2005055004				<div>molex</div>									
mm		4:1															
GENERAL TOLERANCES (UNLESS SPECIFIED)																	
ANGULAR TOL		± °															
4 PLACES		± 0.0															
3 PLACES		± 0.0		EC NO: 615503 DRWN: MKP2019/04/12 CHK'D: JRUTTER2019/04/12 APPR: JCONDON2019/04/15				STAK50H MODULAR HEADER VERT MULTIPLE BAY									
2 PLACES		± 0.13															
1 PLACE		± 0.25															
0 PLACES		± 0.0		INITIAL REVISION: DRWN: JRUTTER2016/05/04 APPR: KDEKOSKI2016/06/17				PRODUCT CUSTOMER DRAWING									
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION						DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								D-SIZE		200505		SEE CHART				1 OF 4	

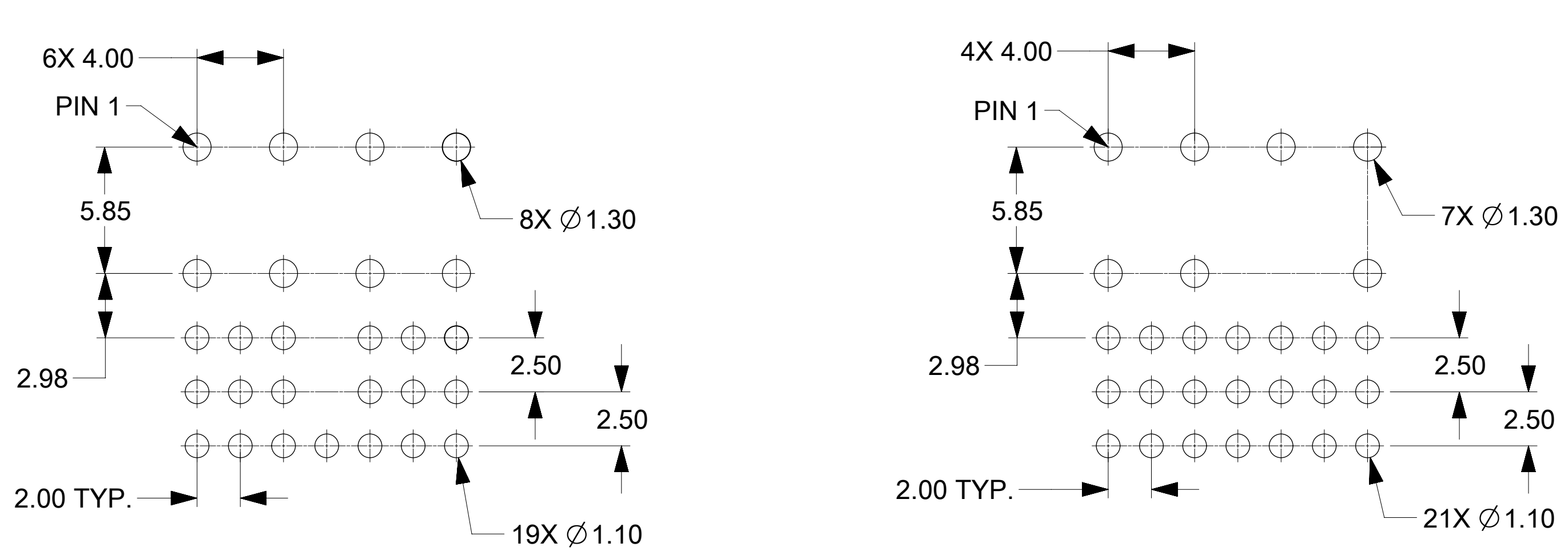
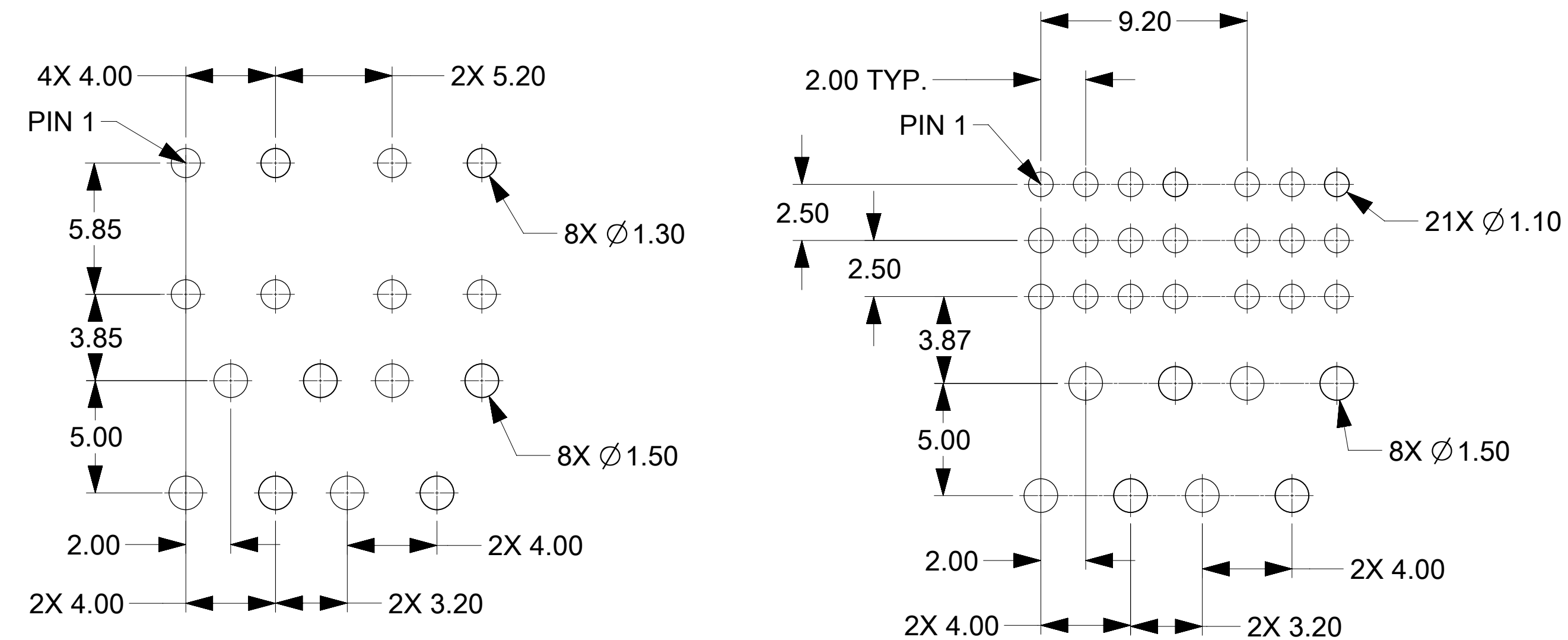
DOCUMENT STATUS	P1	RELEASE DATE	2019/04/15	14:50:14
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ASSEMBLY PART NO.	SINGLE BAY ASSEMBLY PART NUMBER PER LOCATION							PACKAGING
	1	2	3	4	5	6	7	
2005052003	2005010281	2005010251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005053001	2005010271	2005010272	2005010321	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005054001	2005010251	2005010281	2005010321	2005010282	-----NA-----	-----NA-----	-----NA-----	TUBE
2005053002	2005010271	2005010273	2005010322	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005053003	2005010252	2005010271	2005010322	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005052004	2005010322	2005010122	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005053004	2005010122	2005010322	2005010324	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005052007	2005010322	2005010324	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005053009	2005010121	2005010281	2005010251	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005056001	2005010281	2005010322	2005010253	2005010122	2005010324	2005010273	-----NA-----	TUBE
2005053010	2005010321	2005010323	2005010324	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005053011	2005010323	2005010324	2005010252	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005054002	2005010321	2005010281	2005010251	2005010322	-----NA-----	-----NA-----	-----NA-----	TUBE
2005052005	2005010322	2005010122	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TRAY
2005052009	2005010251	2005010252	-----NA-----	-----NA-----	-----NA-----	-----NA-----	-----NA-----	TUBE
2005055004	2005010321	2005010322	2005010323	2005010324	2005010251	-----NA-----	-----NA-----	TUBE

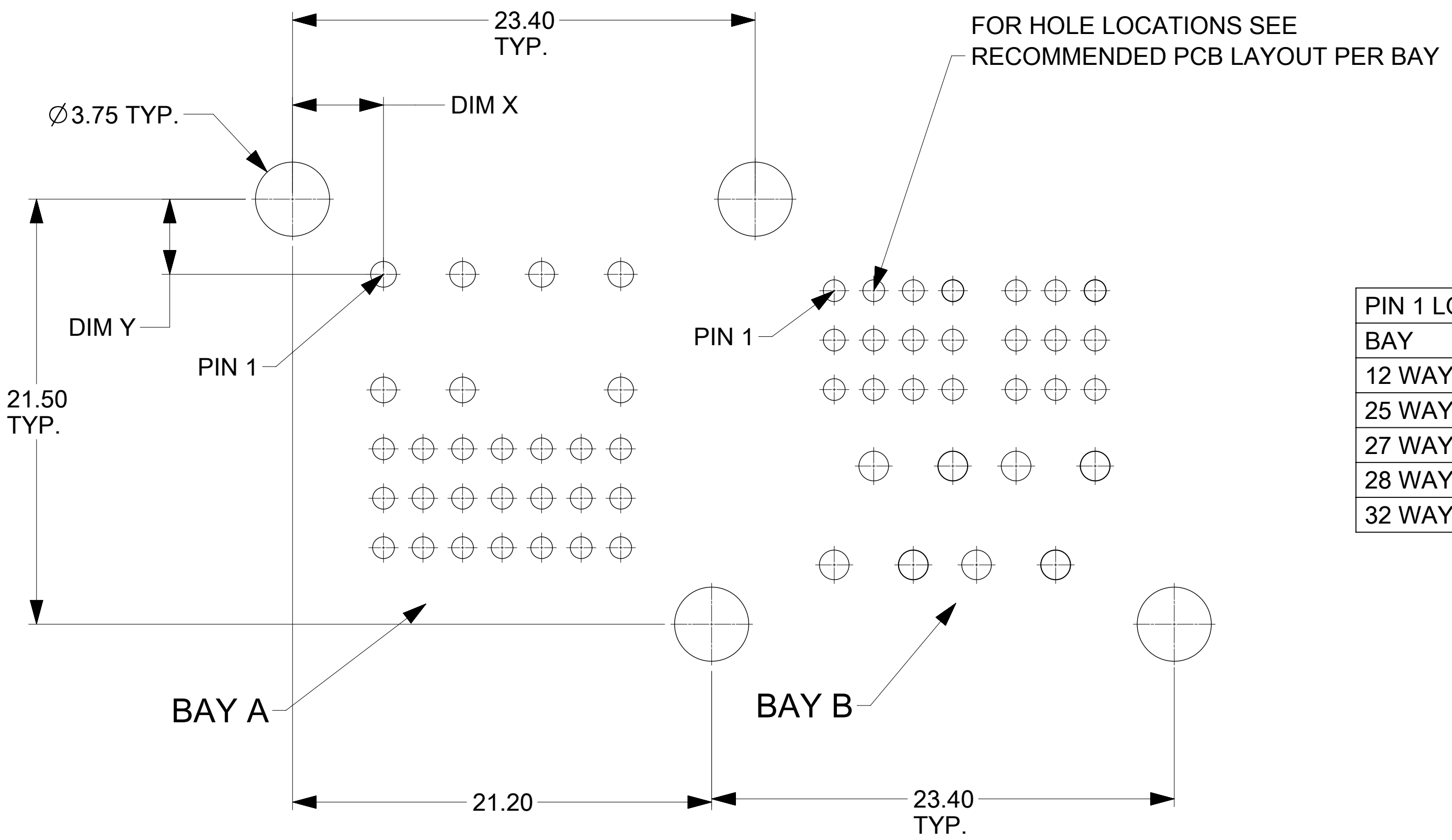
SINGLE BAY ASSEMBLY	DRAWING	INTERFACE DRAWING	TERMINAL QUANTITIES		
			0.5mm	1.2mm	2.8mm
2005010121 THROUGH 2005010124	2005011120SD	SD-160026-002		8	4
2005010251 THROUGH 2005010254	2005011250SD	SD-160027-002	21		4
2005010271 THROUGH 2005010274	2005011270SD	SD-160029-002	19	8	
2005010281 THROUGH 2005010284	2005011280SD	SD-160014-002	21	7	
2005010321 THROUGH 2005010324	2005011320SD	SD-160028-002	28	4	

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
<div><div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div><div><div><div></div></div></div></div></div>	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED PN 2005055004			<div>molex</div>					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)							EC NO: 615503 DRWN: MKP 2019/04/12 CHK'D: JRUTTER 2019/04/12 APPR: JCONDON 2019/04/15			STAK50H MODULAR HEADER VERT MULTIPLE BAY		
	ANGULAR TOL		± °										
	4 PLACES		± 0.0										
	3 PLACES		± 0.0										
	2 PLACES		± 0.13										
	1 PLACE		± 0.25					INITIAL REVISION: DRWN: JRUTTER 2016/05/04 APPR: KDEKOSKI 2016/06/17			PRODUCT CUSTOMER DRAWING		
	0 PLACES		± 0.0										
	DOCUMENT NUMBER		DOC TYPE					DOC PART		REVISION			
2005050000		PSD		000		C4							
MATERIAL NUMBER		CUSTOMER				SHEET NUMBER							
SEE CHART						2 OF 4							

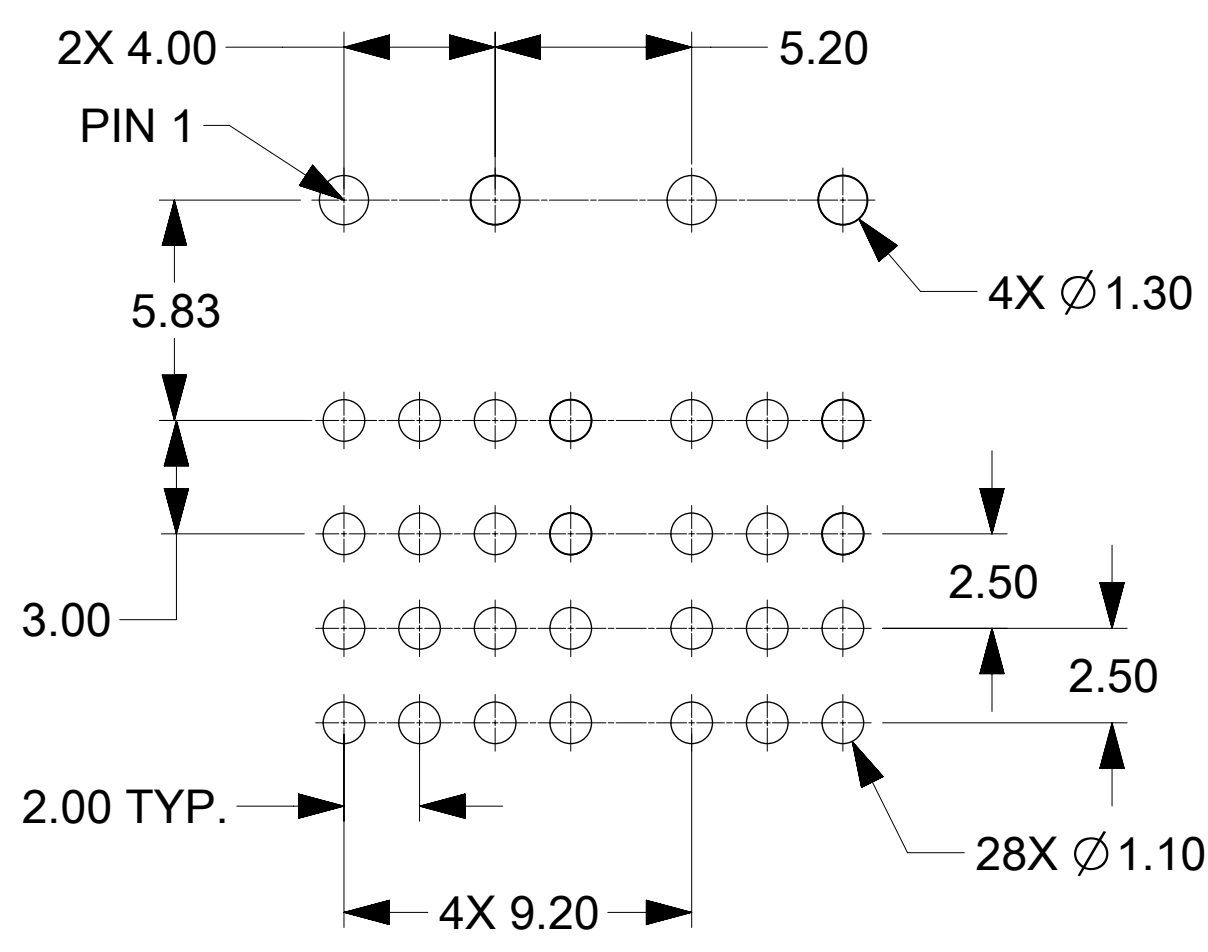
RECOMMENDED PCB LAYOUT PER BAY  
FOR REFERENCE ONLY



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



PIN 1 LOCATION CHART		
BAY	DIM X	DIM Y
12 WAY	4.0	3.8
25 WAY	4.0	4.63
27 WAY	4.6	3.8
28 WAY	4.6	3.8
32 WAY	4.0	3.8

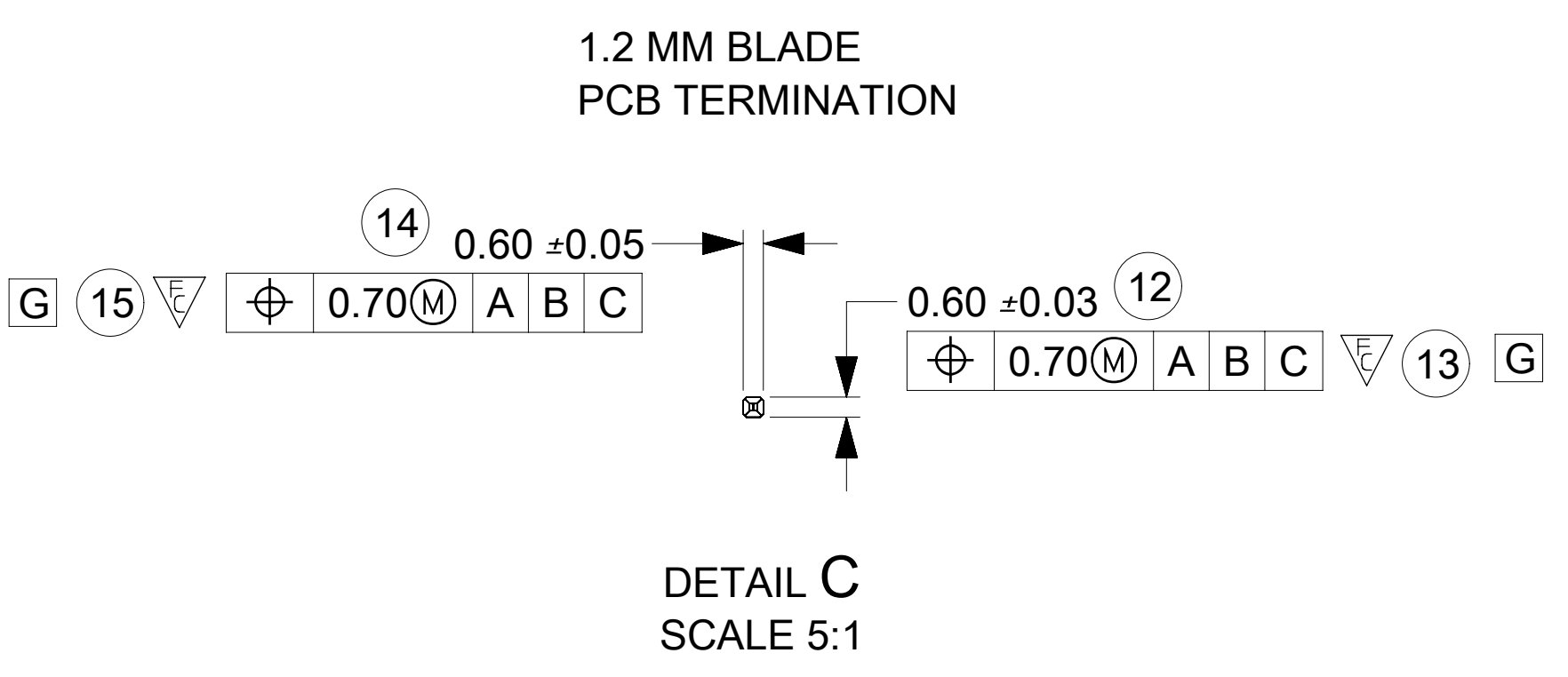
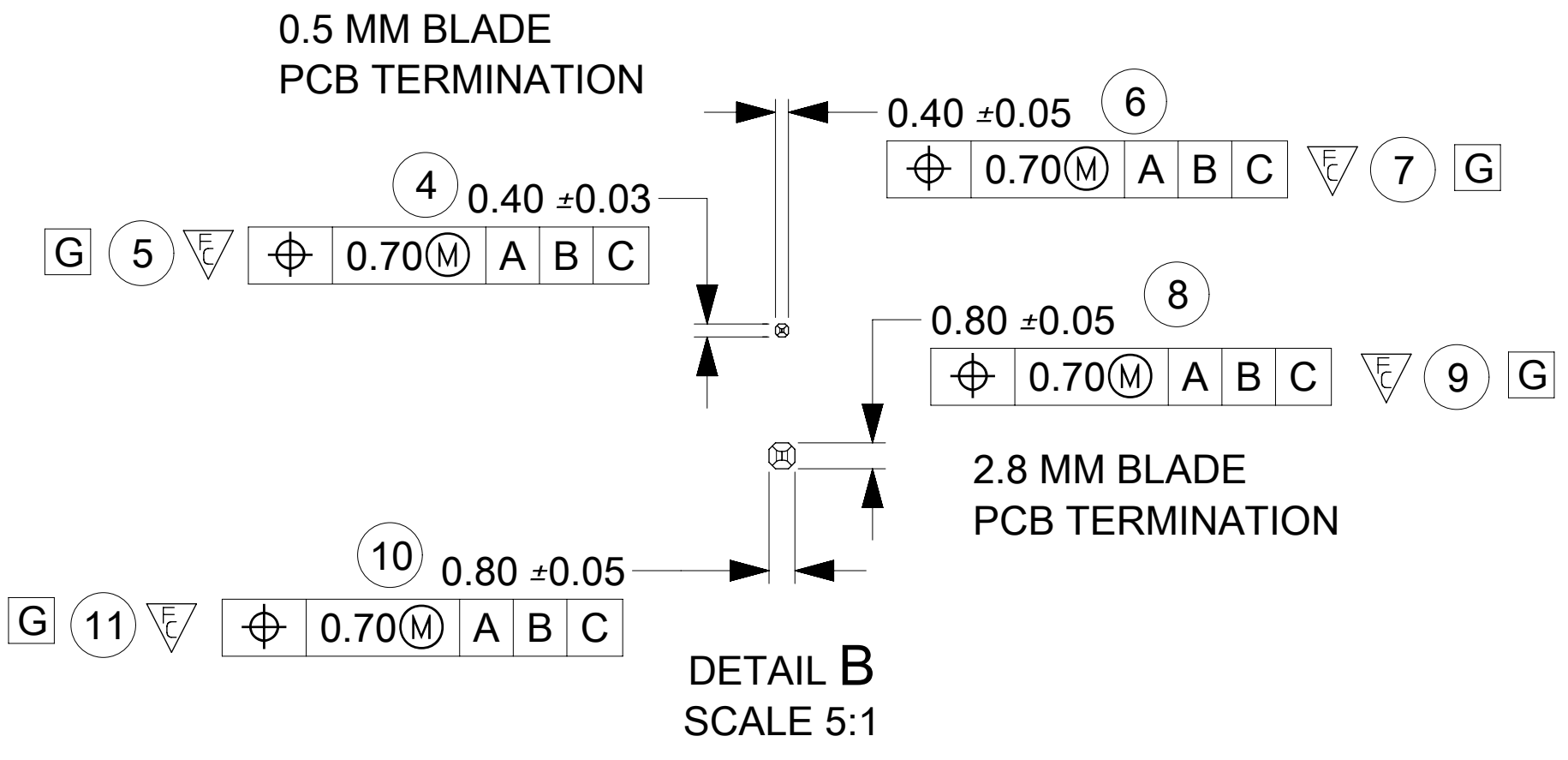


<b>SYMBOLS</b> ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS <b>mm</b>	SCALE <b>5:1</b>
	GENERAL TOLERANCES (UNLESS SPECIFIED)	
	ANGULAR TOL	± °
	4 PLACES	± 0.0
3 PLACES	± 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 <b>D-SIZE</b>	
SERIES <b>200505</b>		

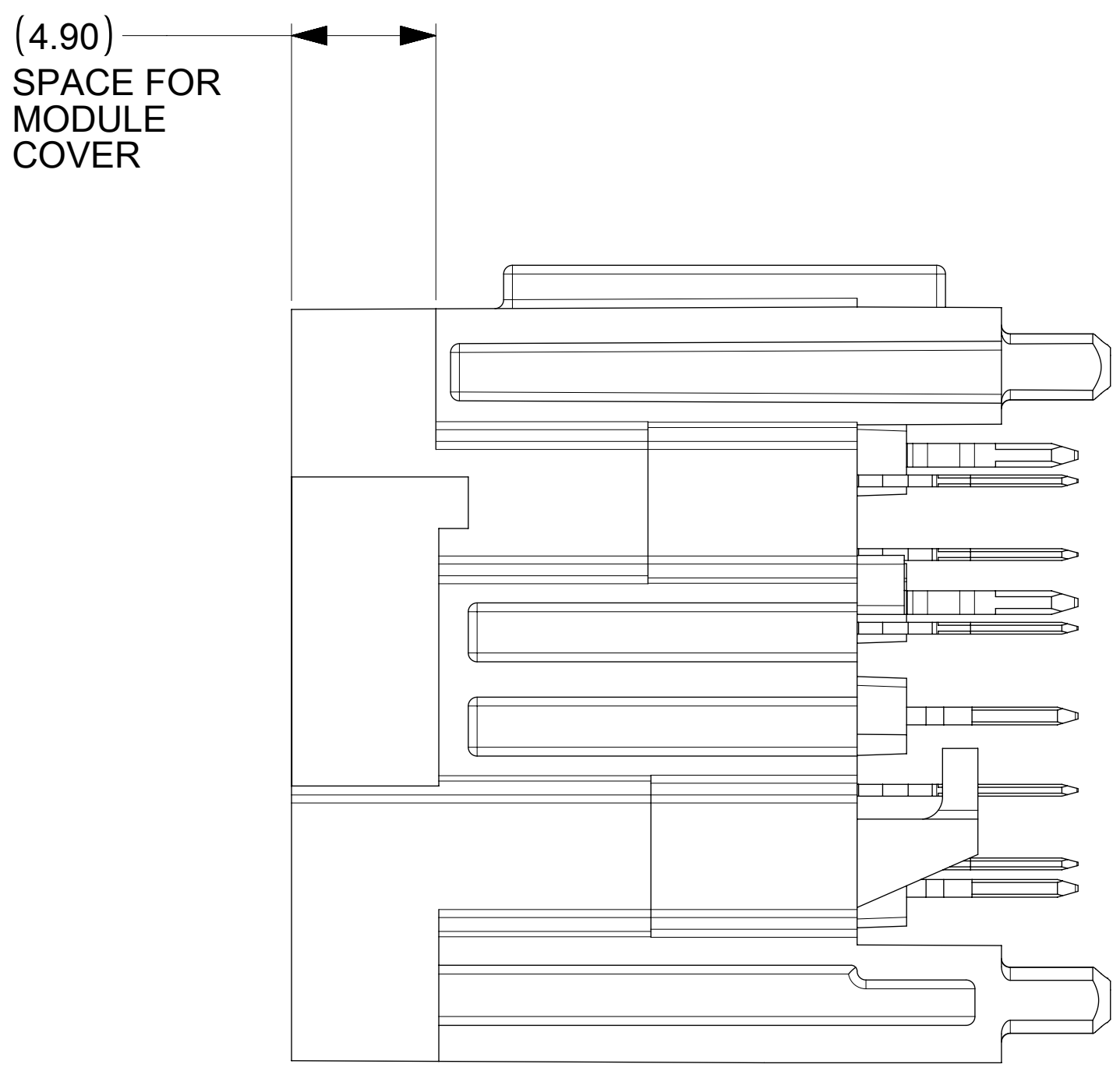
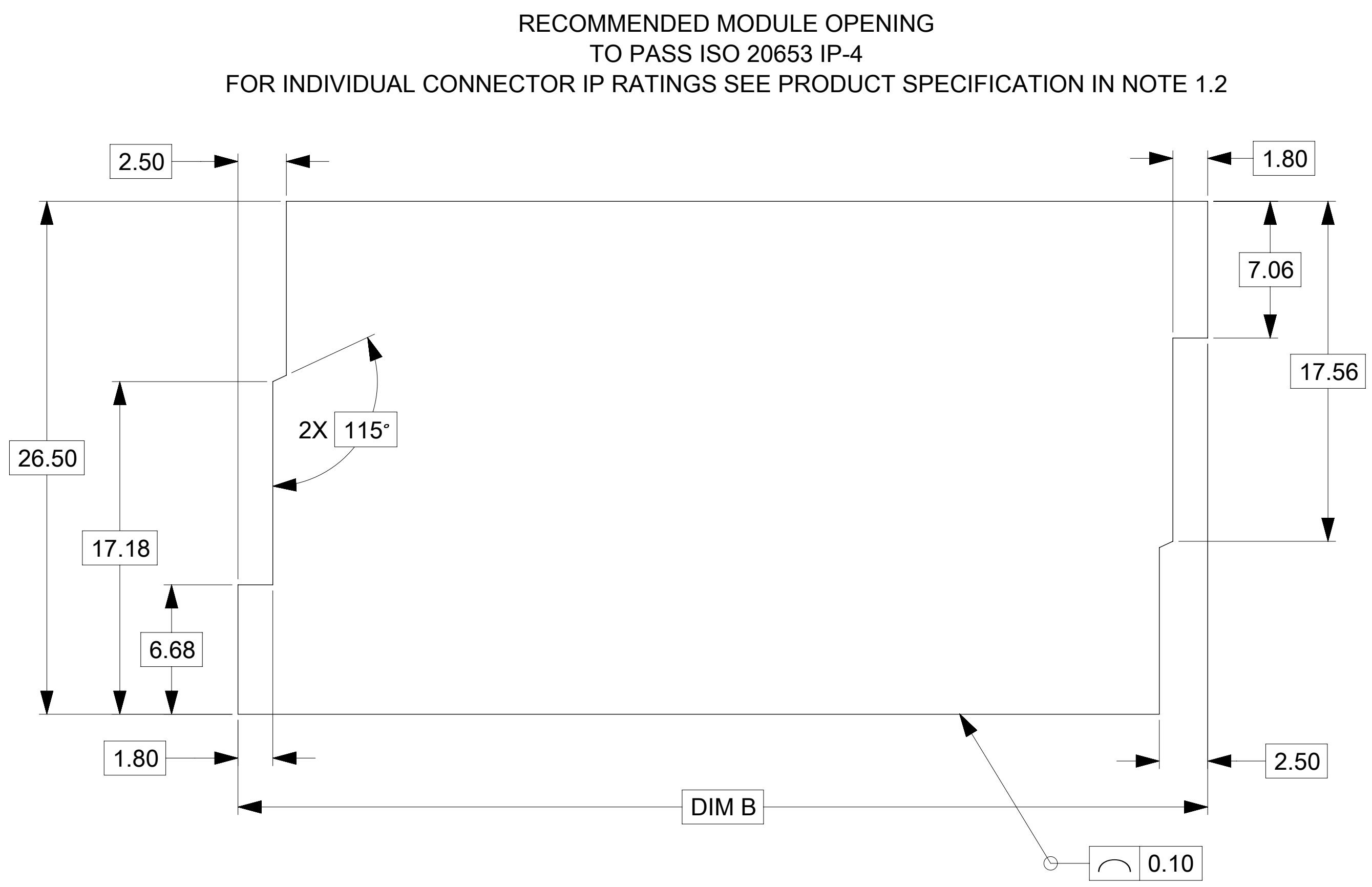
CURRENT REV DESC: ADDED PN 2005055004			
EC NO: 615503 DRWN: MKP CHK'D: JRUTTER APPR: JCONDON			
INITIAL REVISION: DRWN: JRUTTER APPR: KDEKOSKI			
DOCUMENT NUMBER <b>2005050000</b>		DOC TYPE <b>PSD</b>	DOC PART <b>000</b>
MATERIAL NUMBER <b>SEE CHART</b>		CUSTOMER	SHEET NUMBER <b>3 OF 4</b>

STAK50H MODULAR HEADER VERT MULTIPLE BAY

PRODUCT CUSTOMER DRAWING



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



QTY BAYS	DIM B
2	50.1
3	73.5
4	96.9
5	120.3
6	143.7
7	167.1

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

SYMBOLS	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: ADDED PN 2005055004					
	mm		5:1							
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 615503					
	ANGULAR TOL		±	°	DRWN: MKP 2019/04/12					
∇ = 0	4 PLACES		±	0.0	CHK'D: JRUTTER 2019/04/12					
∇ = 6	3 PLACES		±	0.0	APPR: JCONDON 2019/04/15					
∇ = 0	2 PLACES		±	0.13	INITIAL REVISION:					
∇ = 0	1 PLACE		±	0.25	DRWN: JRUTTER 2016/05/04					
∇ = 0	0 PLACES		±	0.0	APPR: KDEKOSKI 2016/06/17					
☒ = 0	DRAFT WHERE APPLICABLE					THIRD ANGLE PROJECTION		DRAWING		SERIES
■ = 0	MUST REMAIN WITHIN DIMENSIONS					D-SIZE		200505		
∇ = 0										

DOCUMENT NUMBER				DOC TYPE	DOC PART	REVISION
2005050000				PSD	000	C4
MATERIAL NUMBER		CUSTOMER		SHEET NUMBER		
SEE CHART				4 OF 4		

STAK50H MODULAR HEADER VERT MULTIPLE BAY

PRODUCT CUSTOMER DRAWING