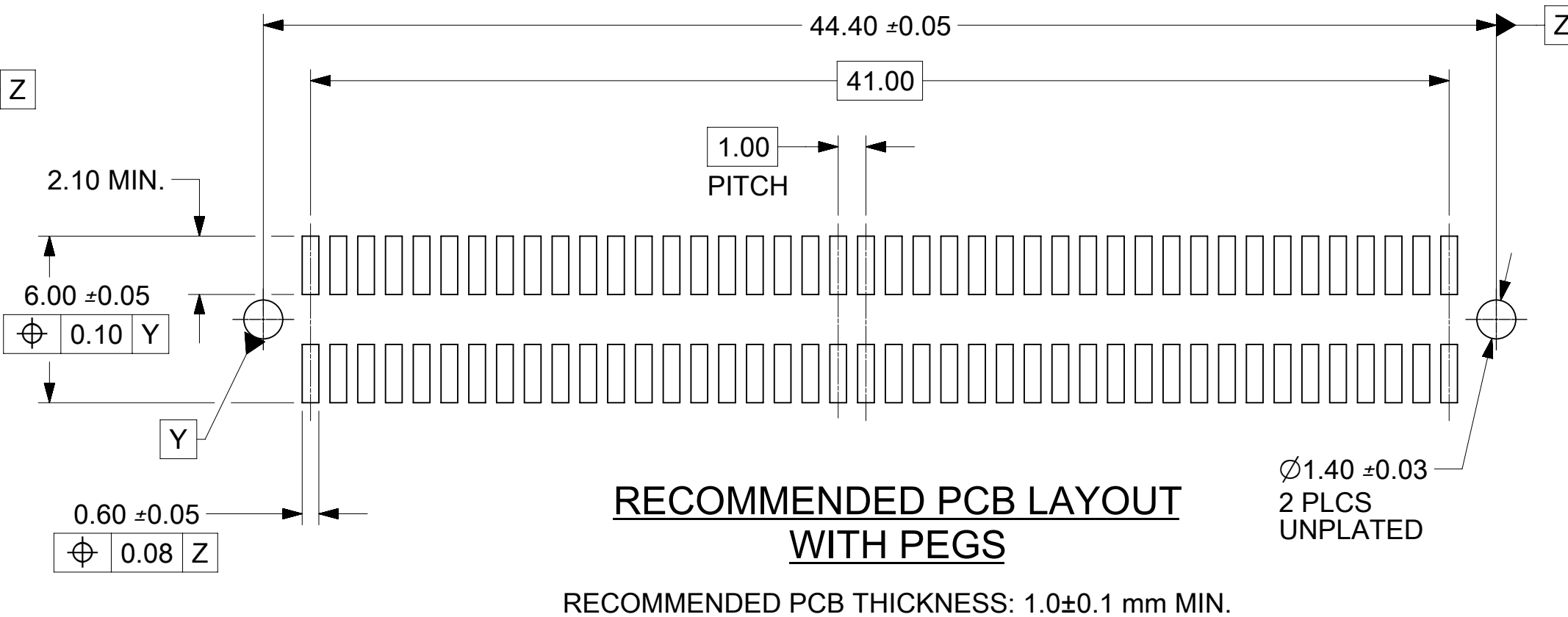
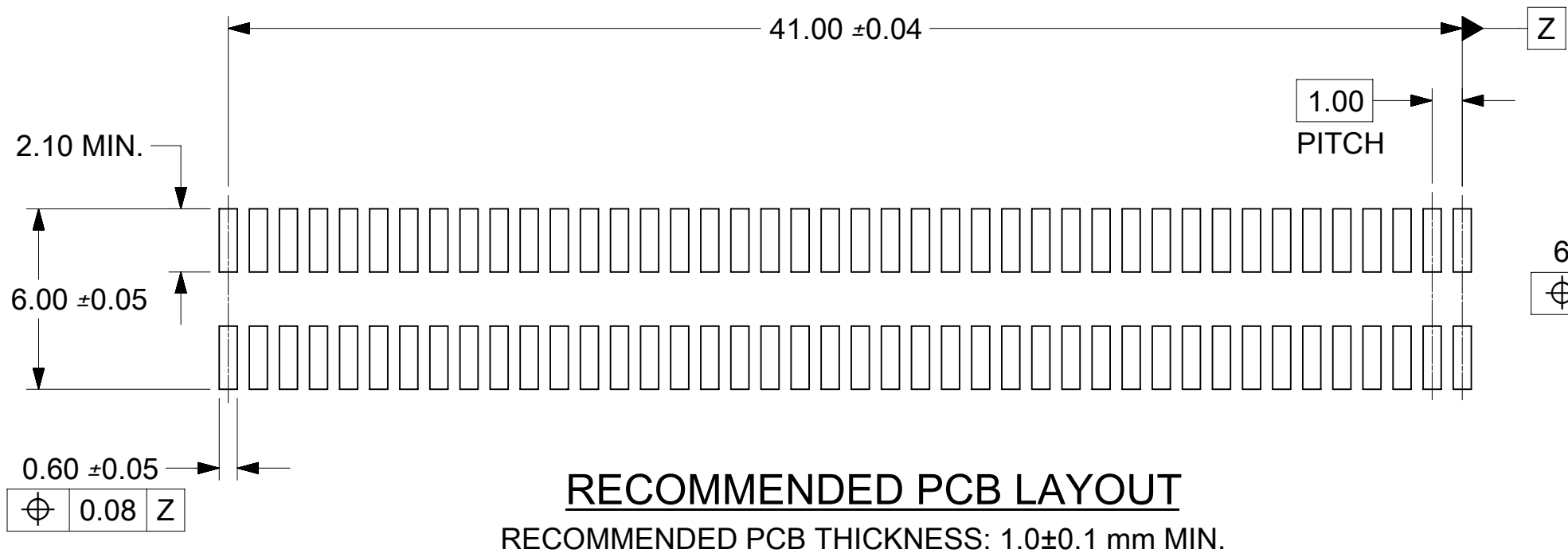
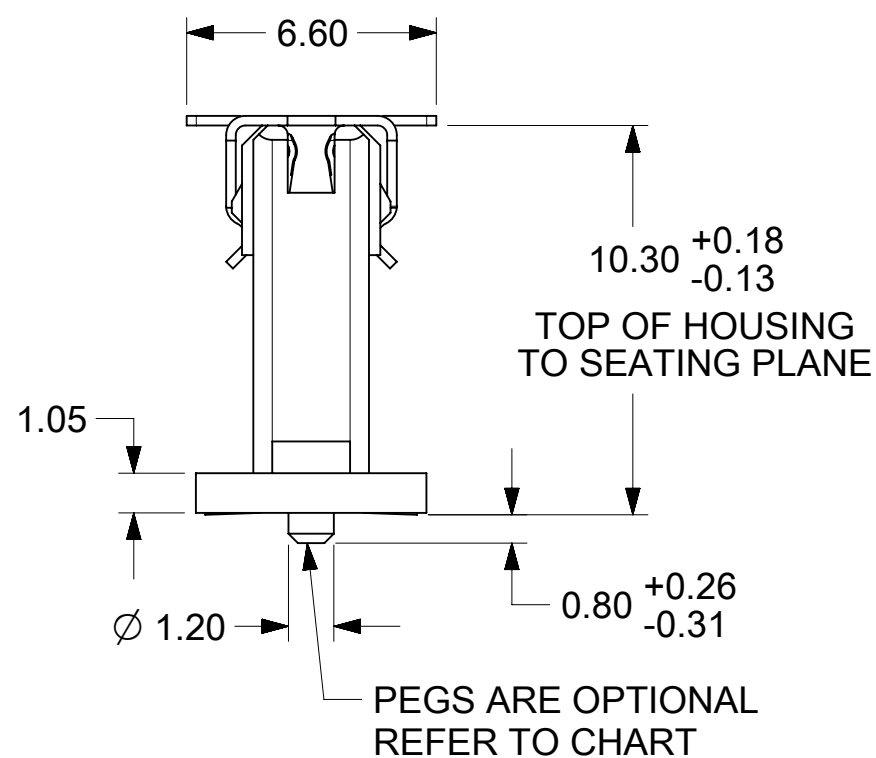
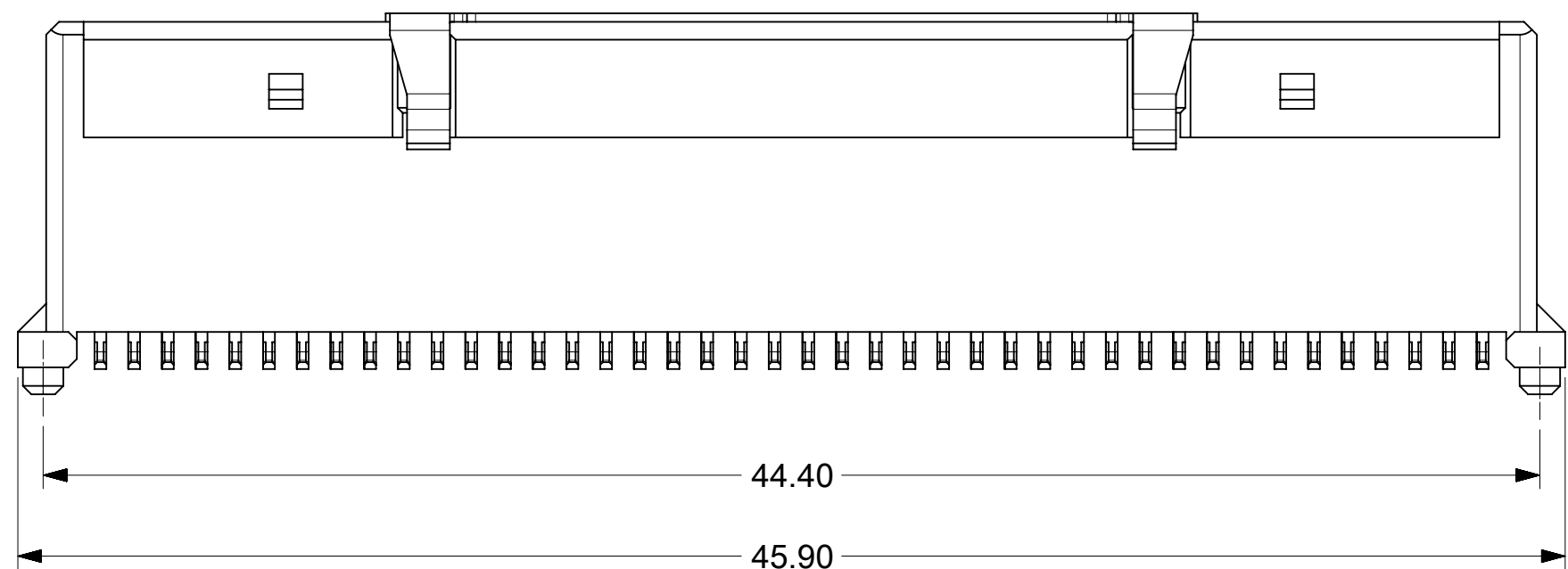


NOTES:

- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER(LCP);
UL RATING : 94V-0 ; COLOR; WHITE (NATURAL).
TERMINAL MATERIAL: PHOSPHOR BRONZE.
VACUUM CAP MATERIAL : STAINLESS STEEL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71741-9999.
- PACKAGING SPECIFICATIONS : REFER TO TABLE.



PLATINGS:

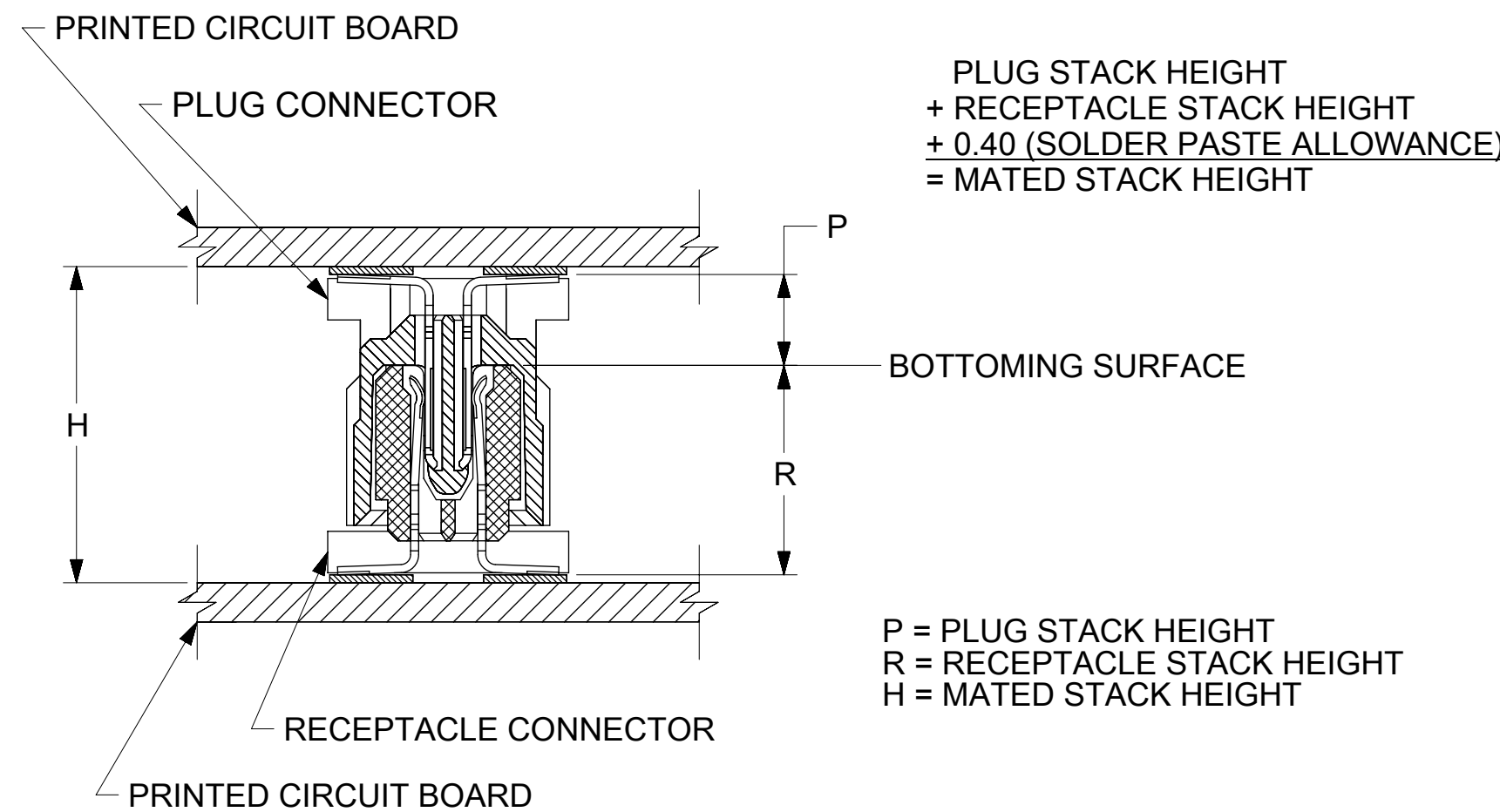
- X21 - .76 MICROMETERS MINIMUM GOLD PLATE IN SELECT AREA, 1.91 MICROMETERS MINIMUM TIN PLATE IN SELECT AREA, OVER NICKEL UNDERPLATE.
- X71 - .25 MICROMETERS MINIMUM GOLD PLATE IN SELECT AREA, 1.02 MICROMETERS MINIMUM TIN PLATE IN SELECT AREA, OVER NICKEL UNDERPLATE.

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																															
SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC: REDRAWN IN NX																												
▽ = 0	mm	5:1	<table border="0"> <tr> <td colspan="2">molex</td> </tr> <tr> <td colspan="2">SALES ASSY, 1.0MM 84 CKT BTB RECEPTACLE CONNECTOR 10.30 STACK HEIGHT</td> </tr> <tr> <td colspan="2">PRODUCT CUSTOMER DRAWING</td> </tr> <tr> <td>DOCUMENT NUMBER</td> <td>DOC TYPE</td> <td>DOC PART</td> <td>REVISION</td> </tr> <tr> <td>717423000</td> <td>PSD</td> <td>000</td> <td>A1</td> </tr> <tr> <td>MATERIAL NUMBER</td> <td>CUSTOMER</td> <td colspan="2">SHEET NUMBER</td> </tr> <tr> <td>SEE TABLE</td> <td>GENERAL MARKET</td> <td colspan="2">1 OF 2</td> </tr> </table>							molex		SALES ASSY, 1.0MM 84 CKT BTB RECEPTACLE CONNECTOR 10.30 STACK HEIGHT		PRODUCT CUSTOMER DRAWING		DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION	717423000	PSD	000	A1	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER		SEE TABLE	GENERAL MARKET	1 OF 2	
molex																															
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SEE TABLE	GENERAL MARKET	1 OF 2																													
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)																														
▽ = 0	ANGULAR TOL ± 0.5°																														
▽ = 0	4 PLACES ±																														
▽ = 0	3 PLACES ±																														
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⊠ = 0	0 PLACES ±																														
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																														
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	SERIES	<table border="0"> <tr> <td>EC NO: 610884</td> <td>DRWN: TTAO03</td> <td>2018/12/10</td> </tr> <tr> <td>CHK'D: JKACHLIC</td> <td>APPR: JKACHLIC</td> <td>2019/02/01</td> </tr> <tr> <td colspan="3">INITIAL REVISION:</td> </tr> <tr> <td>DRWN: JRR</td> <td>95/08/14</td> <td></td> </tr> <tr> <td>APPR: CAB</td> <td>95/08/14</td> <td></td> </tr> </table>						EC NO: 610884	DRWN: TTAO03	2018/12/10	CHK'D: JKACHLIC	APPR: JKACHLIC	2019/02/01	INITIAL REVISION:			DRWN: JRR	95/08/14		APPR: CAB	95/08/14								
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INITIAL REVISION:																															
DRWN: JRR	95/08/14																														
APPR: CAB	95/08/14																														
▽ = 0	C-SIZE	71742																													

PART NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING SEE SHEET 1
71742-3004	YES	YES	PK-70873-063	TAPE & REEL	X21
71742-3003	YES	YES	PK-70873-063	TAPE & REEL	X71
71742-3001	NO	YES	PK-70873-063	TAPE & REEL	X71

RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
15.00	10.30	71742-3***	4.30	71741-0***
13.00	10.30	71742-3***	2.30	71741-2***



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
SYMBOLS		DIMENSION UNITS		SCALE		CURRENT REV		DESC: REDRAWN IN NX			
▽ = 0	mm										
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)										
▽ = 0	ANGULAR TOL ± 0.5°										
▽ = 0	4 PLACES ±										
▽ = 0	3 PLACES ±										
▽ = 0	2 PLACES ± 0.13										
▽ = 0	1 PLACE ± 0.25										
▽ = 0	0 PLACES ±										
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		
				C-SIZE		71742		717423000		PSD 000 A1	
								GENERAL MARKET		2 OF 2	

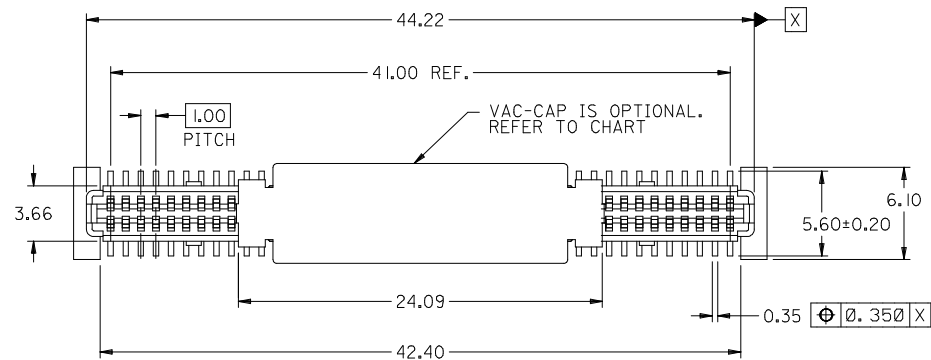
molex

SALES ASSY, 1.0MM 84 CKT BTB
RECEPTACLE CONNECTOR 10.30 STACK HEIGHT

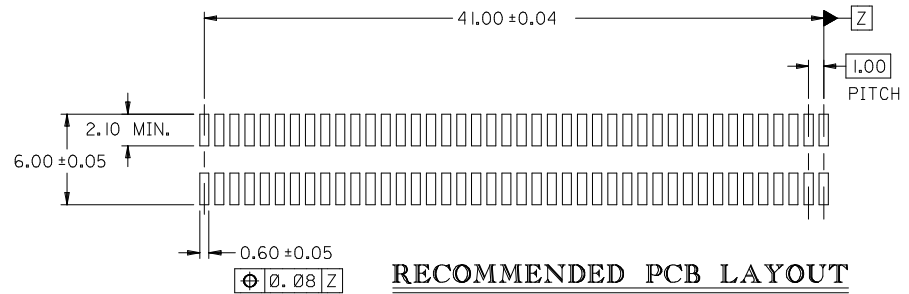
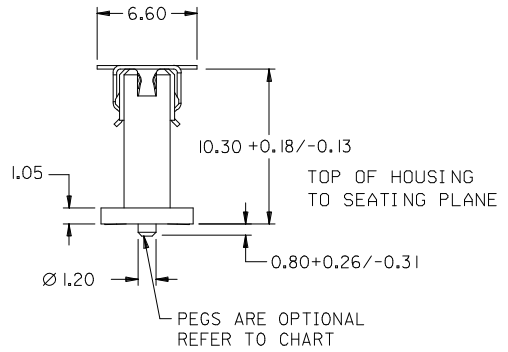
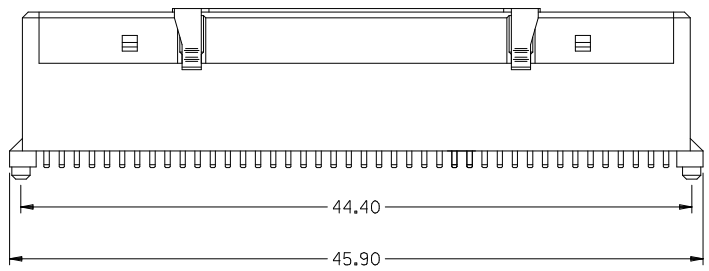
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 717423000
DOC TYPE: PSD
DOC PART: 000
REVISION: A1

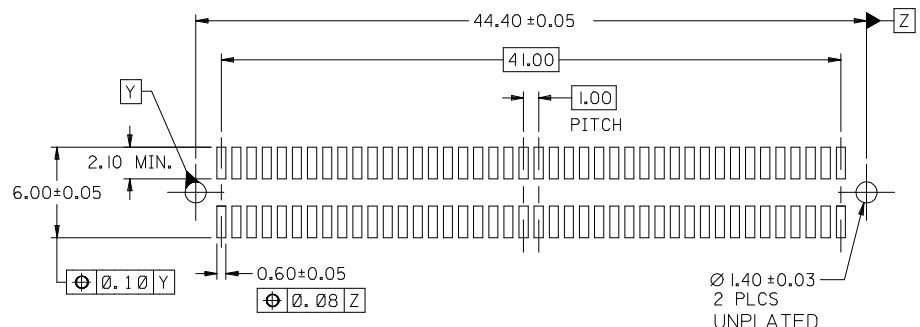
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 2 OF 2



71742-3004	0.76 (30 MICROINCH)	YES	YES	PK-70873-063	TAPE & REEL
71742-3003	0.25 (10 MICROINCH)	YES	YES	PK-70873-063	TAPE & REEL
71742-3001	0.25 (10 MICROINCH)	NO	YES	PK-70873-063	TAPE & REEL
ITEM NUMBER	CONTACT AREA PLATING MINIMUM GOLD THICKNESS IN MICROMETERS (SEE NOTES FOR OTHER PLATINGS)	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE



RECOMMENDED PCB LAYOUT
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.



RECOMMENDED PCB LAYOUT WITH PEGS
RECOMMENDED PCB THICKNESS: 1.0±0.1mm MIN.

NOTES:

- HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER (LCP);
UL RATING: 94V-0; COLOR: WHITE (NATURAL).
TERMINAL MATERIAL: PHOSPHOR BRONZE.
VACUUM CAP MATERIAL: STAINLESS STEEL.
- CONTACT FINISH:
SEE TABLE FOR THICKNESS OF GOLD PLATING IN CONTACT AREA.
1.90 MICROMETER MINIMUM TIN PLATING IN SOLDER TAIL AREA,
OVER NICKEL PLATING OVERALL.
- THIS PART CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71741-9999.
- DIMENSIONS ARE IN MILLIMETERS.
- PACKAGING SPECIFICATIONS: REFER TO CHART.

CLARIFY DIMENSIONS EC NO: UCP2009-2408 DRAWN: BARKER 2009/04/20 CHKD: MORGAN 2009/04/20 APPR: MILLER 2009/04/21	QUALITY SYMBOLS	DESCRIPTION
	▽=0	
	▽=0	
	REV	

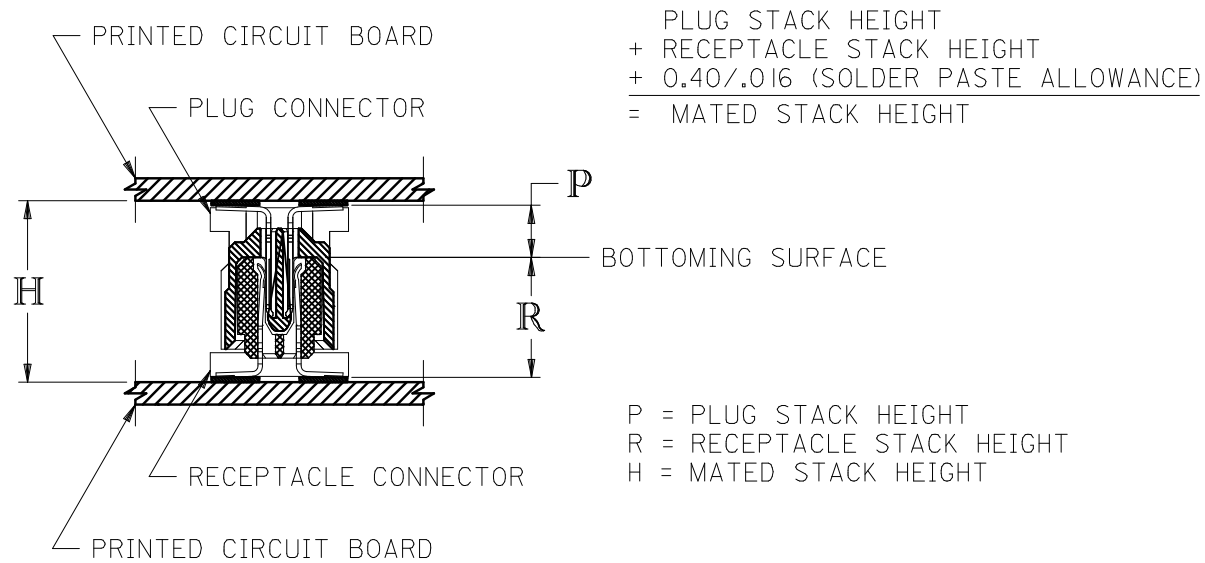
GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± --- ± ---	
3 PLACES ± --- ± ---	
2 PLACES ± 0.13 ± ---	
1 PLACE ± 0.25 ± ---	
ANGULAR ±1/2°	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
WGM	97/08/04
CHECKED BY	DATE
APPROVED BY	DATE
DJB	97/08/04
MATERIAL NO.	DOCUMENT NO.
SEE TABLE	SDA-71742-3***
SIZE	
C	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
METRIC		
TITLE		
SALES ASSY, 1.0MM 84 CKT BOARD-TO-BOARD RECPTACLE 10.3 STACK HEIGHT		
MOLEX INCORPORATED		
SHEET NO.		1 OF 2
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

RECOMMENDED PLUG/RECEPTACLE COMBINATION FOR
MATED STACK HEIGHT PER EIA STANDARD 700 AAAB

MATED STACK HEIGHT	RECEPTACLE HEIGHT	RECEPTACLE SERIES NO.	PLUG HEIGHT	PLUG SERIES NO.
15.00/.591	10.30/.406	71742-3***	4.30/.169	71741-0***
13.00/.512	10.30/.406	71742-3***	2.30/..091	71741-2***



SEE SHEET 1 EC NO: UCP2009-2408 DRWN:BBARKER 2009/04/20 CHKD:JMORGAN 2009/04/20 APPR:SMILLER 2009/04/21	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <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> </tbody> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .---	2 PLACES	± 0.13	± .---	1 PLACE	± 0.25	± .---	DIMENSION STYLE MM ONLY DRAWN BY DATE MGM 97/08/04 CHECKED BY DATE	SCALE DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE SALES ASSY, 1.0MM 84 CKT BOARD-TO-BOARD RECP TACLE 10.3 STACK HEIGHT
		mm	INCH																	
	4 PLACES	± .---	± .---																	
	3 PLACES	± .---	± .---																	
2 PLACES	± 0.13	± .---																		
1 PLACE	± 0.25	± .---																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE DJB 97/08/04	MATERIAL NO. SEE TABLE	DOCUMENT NO. SDA-71742-3***	SHEET NO. 1 OF 2																
SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				