NOTES:
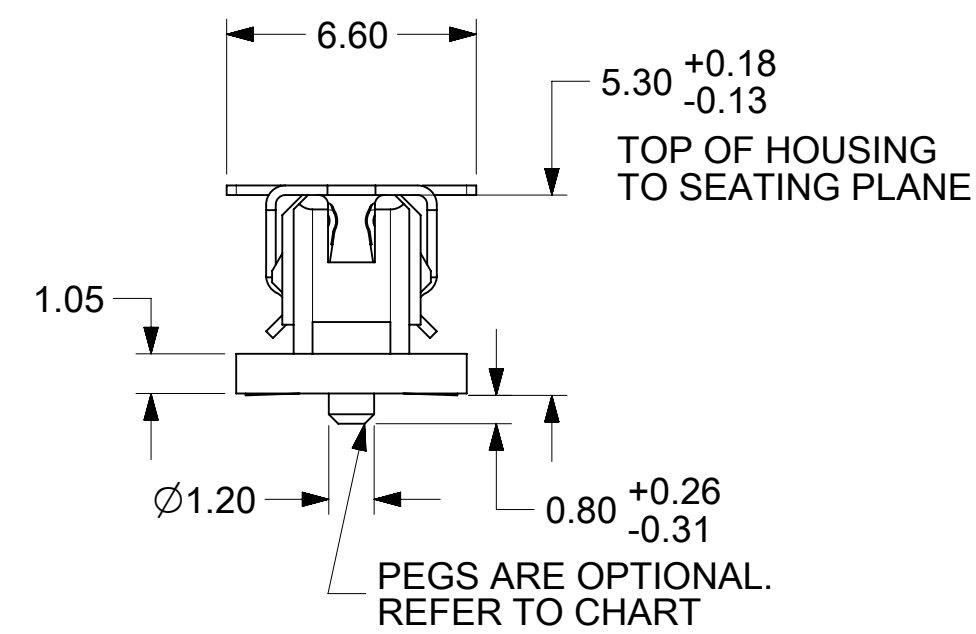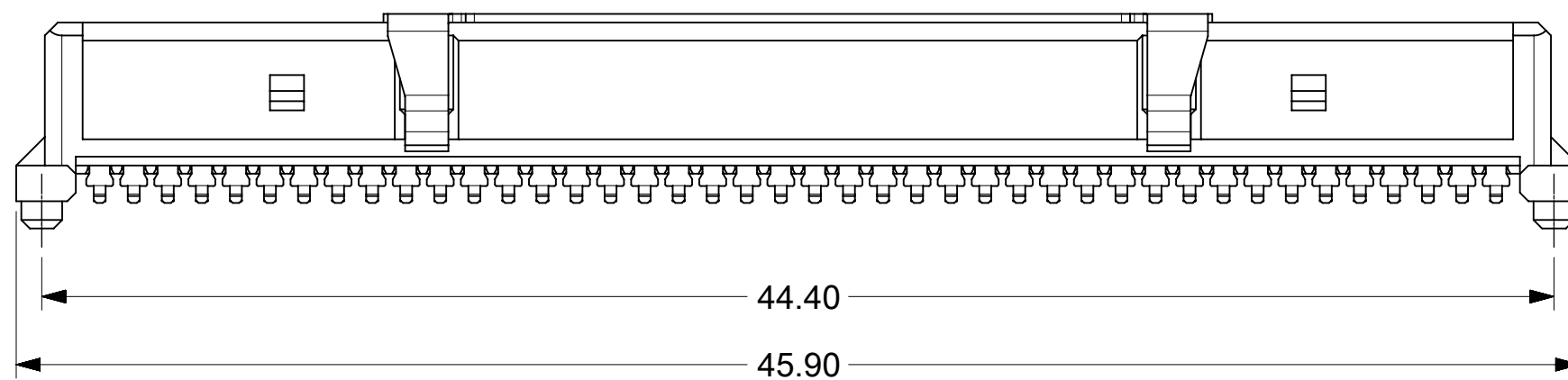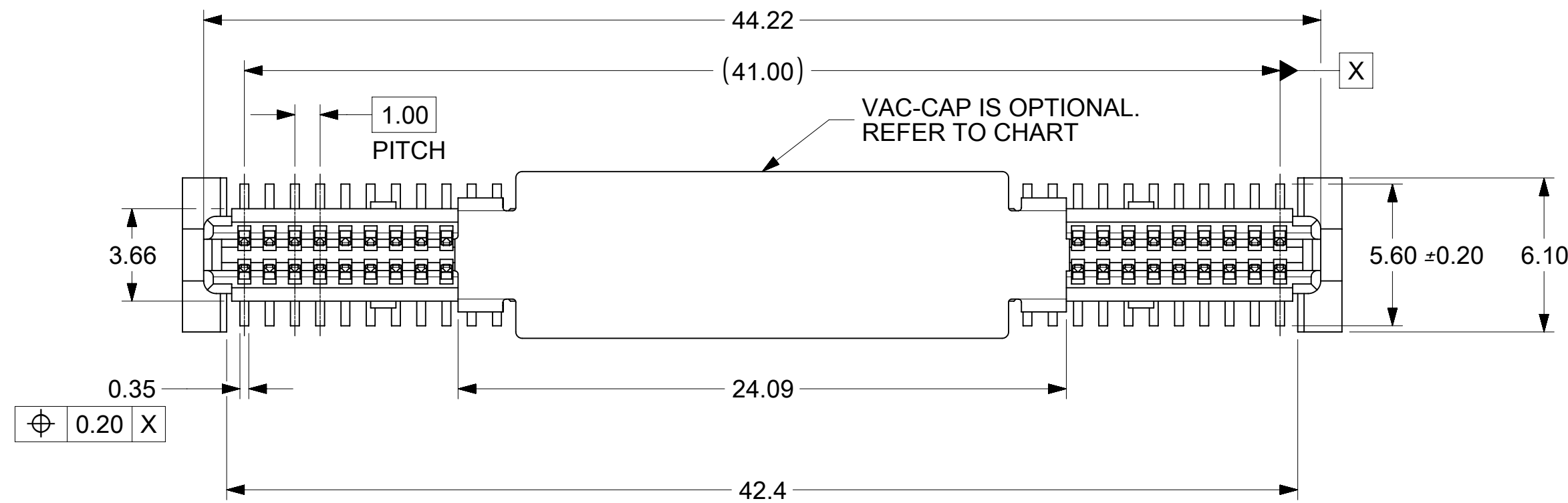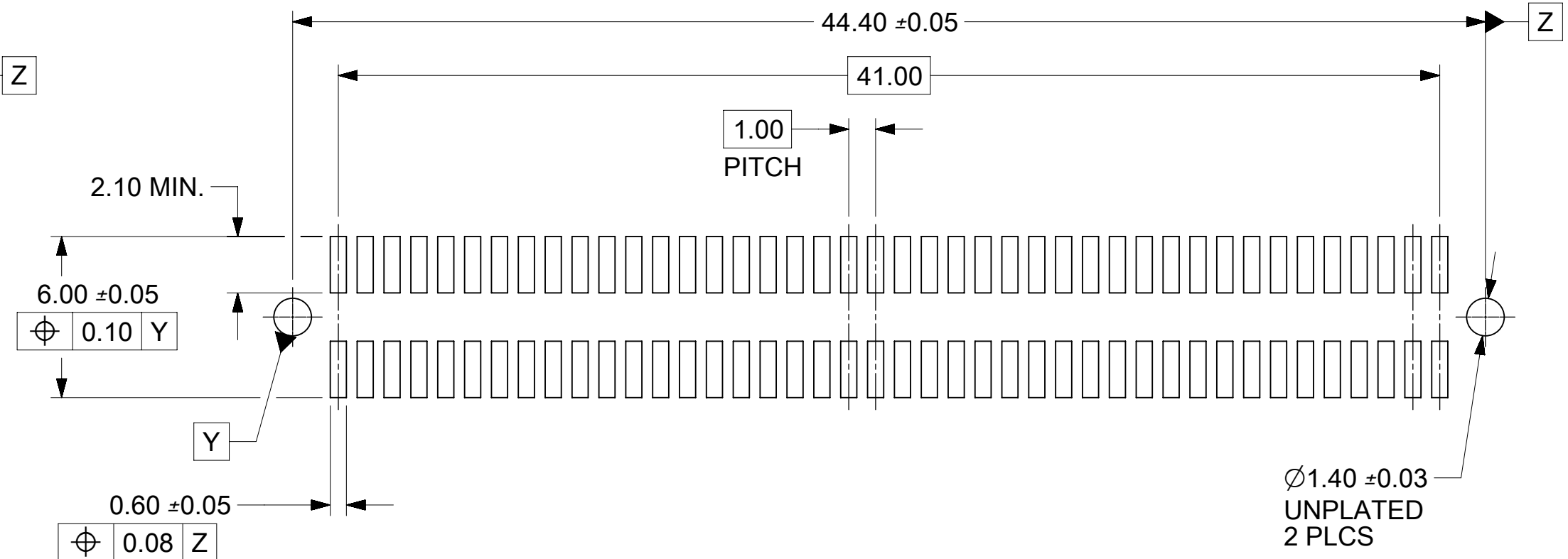
1. HOUSING MATERIAL : GLASS FILLED LIQUID CRYSTAL POLYMER (LCP);
   UL RATING: 94V-0; COLOR: WHITE
   TERMINAL MATERIAL: PHOSPHOR BRONZE
   VACUUM CAP MATERIAL: STAINLESS STEEL
2. COPLANARITY OF SMT TAILS: 0.10 MAX.
3. PACKAGING SPECIFICATION : REFER TO CHART
4. THIS PART, WHEN MATED WITH MOLEX U.S.PART NO. 71741-0*** OR MOLEX
   JAPAN PART NO. 53543-0849, CONFORMS TO MOLEX PRODUCT SPECIFICATION
   PS-71741-9999.

VAC-CAP IS OPTIONAL.
REFER TO CHART

44.22
(41.00)
1.00 PITCH
3.66
5.60 ±0.20
6.10
0.35
⊕ 0.20 X
24.09
42.4

6.60
5.30 +0.18 −0.13
TOP OF HOUSING TO SEATING PLANE
1.05
Ø1.20
0.80 +0.26 −0.31
PEGS ARE OPTIONAL. REFER TO CHART

44.40
45.90

RECOMMENDED PCB LAYOUT

41.00 ±0.04
1.00 PITCH
2.10 MIN.
6.00 ±0.05
0.60 ±0.05
⊕ 0.08 Z
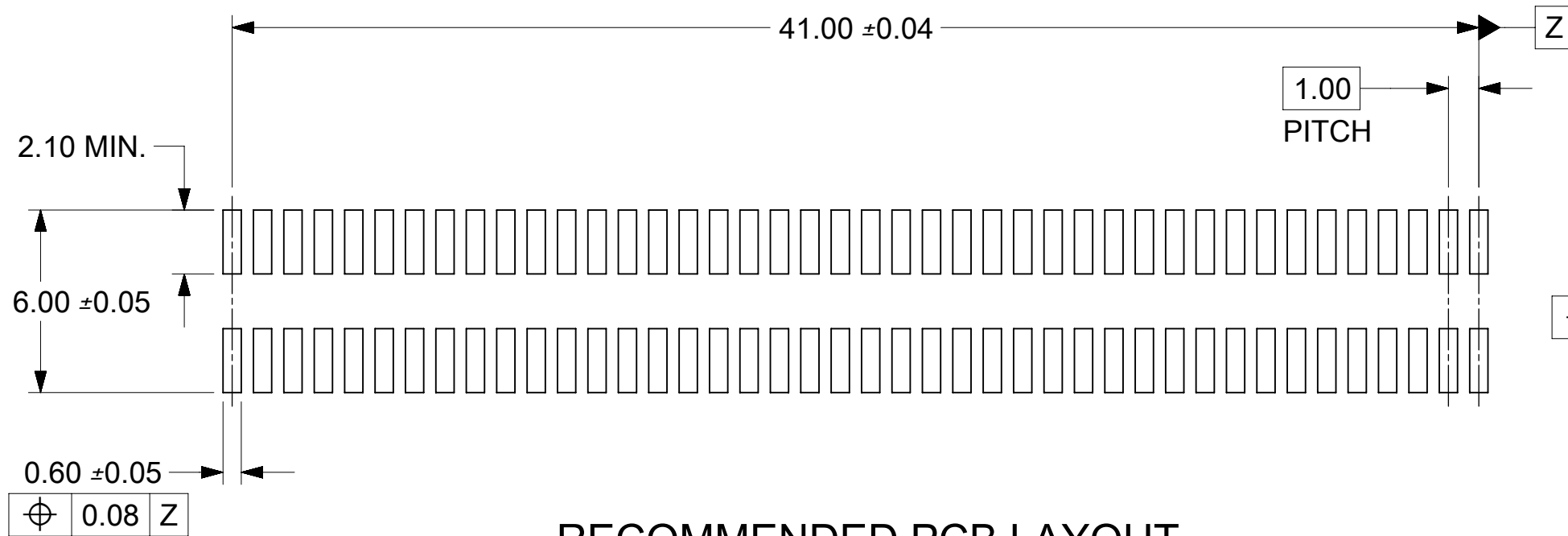
RECOMMENDED PCB THICKNESS: 1.0±0.1 mm MIN.

RECOMMENDED PCB LAYOUT WITH PEGS

44.40 ±0.05
41.00
1.00 PITCH
2.10 MIN.
6.00 ±0.05
⊕ 0.10 Y
0.60 ±0.05
⊕ 0.08 Z
Y
Ø1.40 ±0.03
UNPLATED
2 PLCS

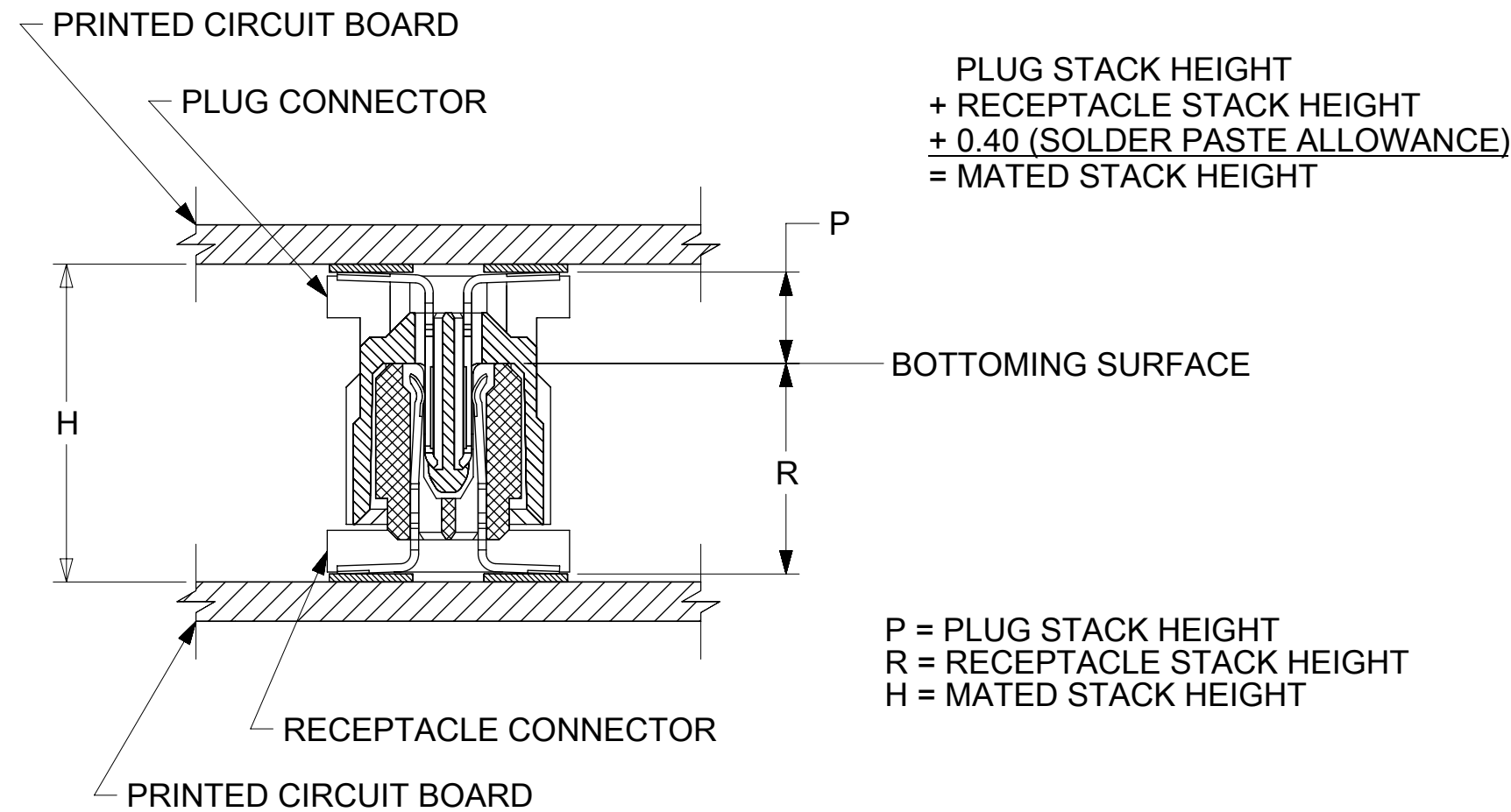RECOMMENDED PCB THICKNESS: 1.0±0.1 mm MIN.

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.

MATERIAL NUMBER	PEGS	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE	TERMINAL PLATING SEE SHEET 1
71742-0006	YES	YES	PK-70873-063	TAPE & REEL	X21
71742-0005	NO	YES	PK-70873-063	TAPE & REEL	X21
71742-0004	YES	NO	PK-70873-013	TUBE	X71
71742-0003	YES	YES	PK-70873-063	TAPE & REEL	X71
71742-0002	NO	NO	PK-70873-015	TUBE	X71
71742-0001	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.
8.00	5.30	71742-0***	2.30	71741-2***
10.00	5.30	71742-0***	4.30	71741-0***

PRINTED CIRCUIT BOARD

PLUG CONNECTOR

PLUG STACK HEIGHT
+ RECEPTACLE STACK HEIGHT
+ 0.40 (SOLDER PASTE ALLOWANCE)
= MATED STACK HEIGHT

P

BOTTOMING SURFACE

R

H

P = PLUG STACK HEIGHT
R = RECEPTACLE STACK HEIGHT
H = MATED STACK HEIGHT

RECEPTACLE CONNECTOR

PRINTED CIRCUIT BOARD

SYMBOLS			
∇ = 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: REDRAWN IN NX
∇ = 0	mm		
∇ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		
∇ = 0	ANGULAR TOL ± 0.5 °		EC NO: 610884
▼ = 0	4 PLACES ±		DRWN: TTAO03 2018/12/10
	3 PLACES ±		CHK'D: JKACHLIC 2019/02/01
∇ = 0	2 PLACES ± 0.18		APPR: JKACHLIC 2019/02/01
⊠ = 0	1 PLACE ± 0.33		INITIAL REVISION:
■ = 0	0 PLACES ±		DRWN: JRR 95/08/14
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: CAB 95/08/14

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molex

SALES ASSY, 1.0MM 84 CKT BTB
RECEPTACLE CONNECTOR 5.30 STACK HEIGHT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
717420000	PSD	000	A1

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
⊕ ◁	C-SIZE	71742	SEE TABLE	GENERAL MARKET	2 OF 2