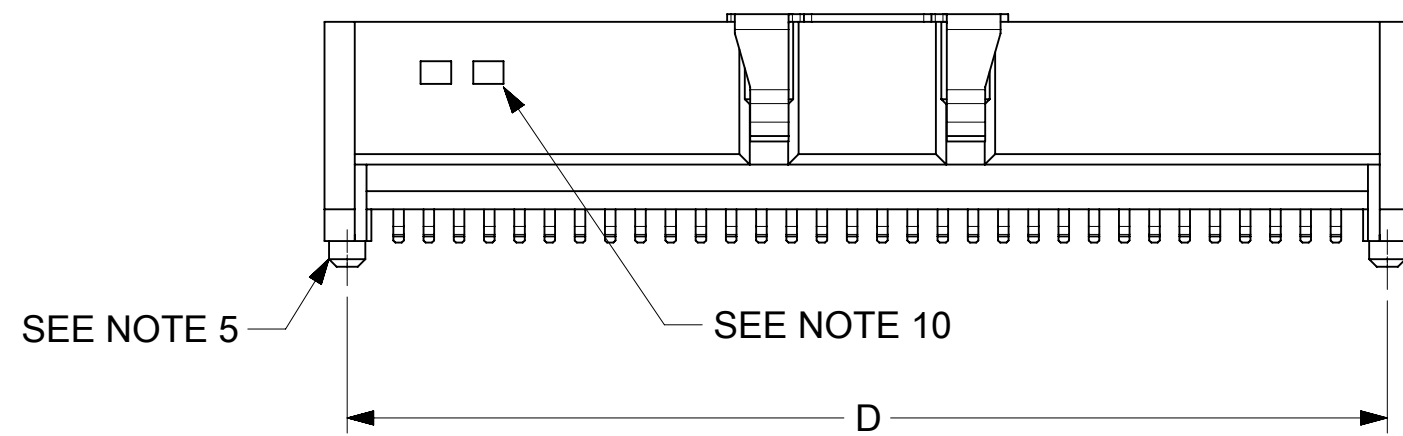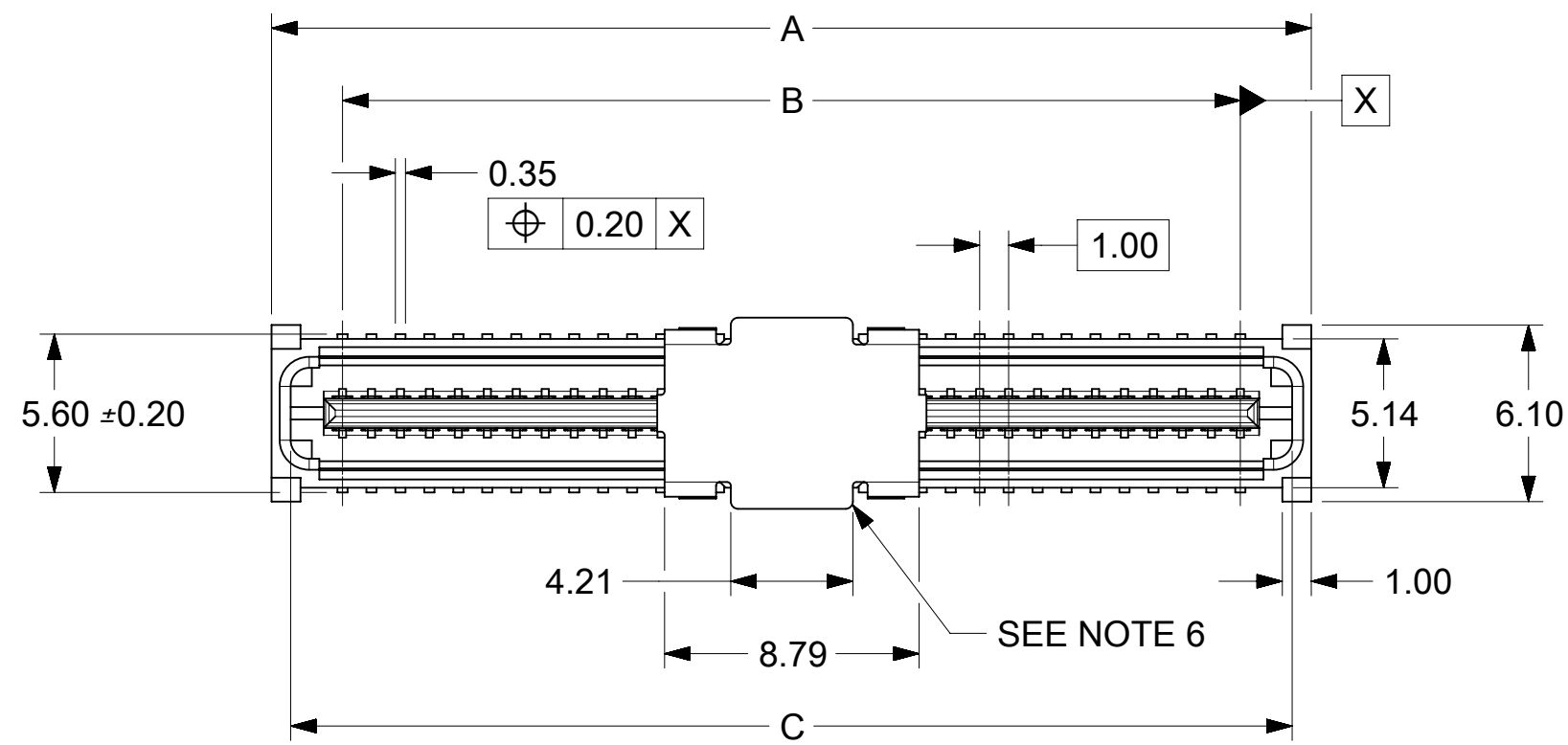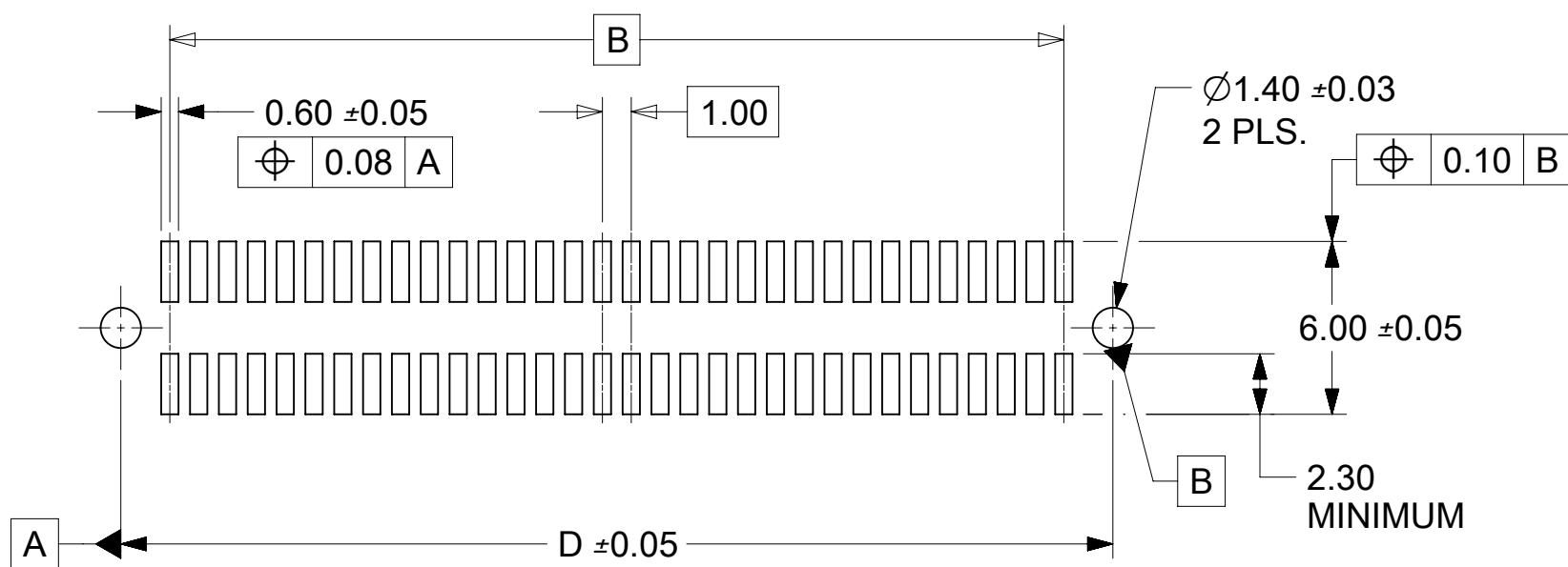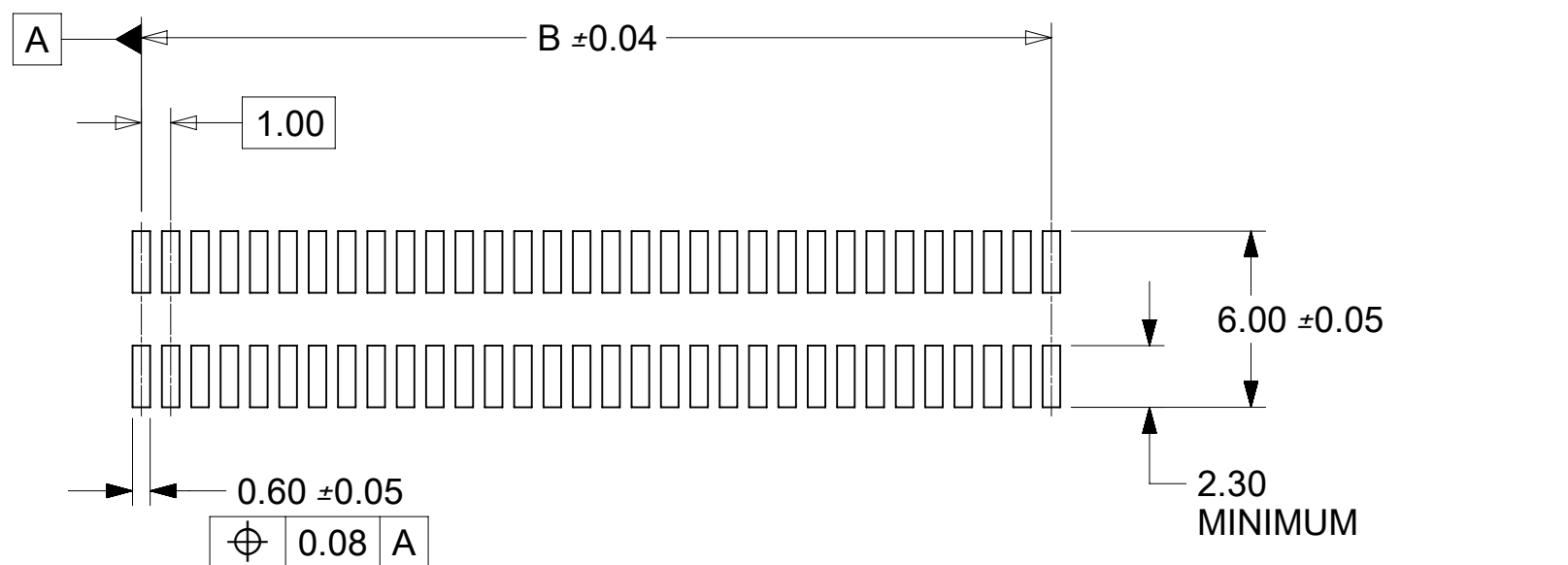* THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO
RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC"
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH LEAD.

CIRCUIT SIZE	DIM.A	DIM.B	DIM.C	DIM.D
20	13.90	9.00	12.58	12.40
30	18.90	14.00	17.58	17.40
40	23.90	19.00	22.58	22.40
50	28.90	24.00	27.58	27.40
60	33.90	29.00	32.58	32.40
64	35.90	31.00	34.58	34.40
70	38.90	34.00	37.58	37.40
80	43.90	39.00	42.58	42.40
84	45.90	41.00	44.58	44.40
90	48.90	44.00	47.58	47.40
100	53.90	49.00	52.58	52.40
110	58.90	54.00	57.58	57.40
120	63.90	59.00	62.58	62.40

SEE NOTE 6
SEE NOTE 5
SEE NOTE 10

TOP OF HOUSING
TO SEATING PLANE

RECOMMENDED PCB LAYOUT
(WITH AND WITHOUT PEGS)
RECOMMENDED PCB THICKNESS: 1.00±0.10 MINIMUM
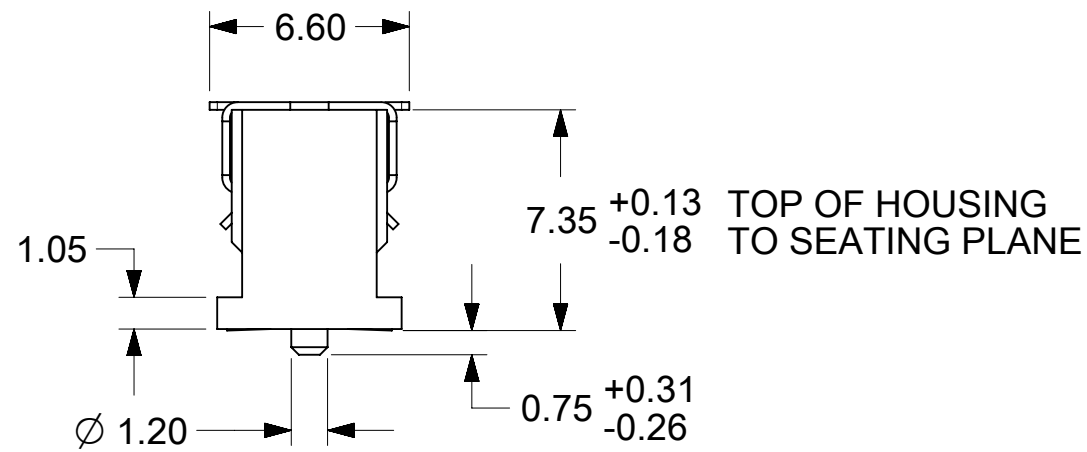
NOTES

1. HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE
   TERMINAL MATERIAL: PHOSPHOR BRONZE; 0.205 THICK.
   VACUUM CAP MATERIAL: STAINLESS STEEL; 0.255 THICK.
2. PLATING FINISHES: SEE SHEET 2.
3. THIS PART, WHEN MATED WITH MOLEX 1.0mm RECEPTACLE CONNECTOR SERIES 71439,
   CONFORMS TO MOLEX PRODUCT SPECIFICATION PS-71436-9999. REFER TO
   TABLE ON SHEET 2 FOR MATED STACK HEIGHTS FOR THIS PLUG.
4. PACKAGING SPECIFICATIONS: REFER TO TABLE ON SHEET 2.
5. PEGS ARE OPTIONAL. REFER TO TABLE ON SHEET 2.
6. VACUUM PICK & PLACE CAP OPTIONAL. REFER TO TABLE ON
   SHEET 2.
7. THIS PART CONFORMS TO EIA STANDARD 700 AAB FOR 1.0mm TWO-PART
   CONNECTORS FOR USE WITH PARALLEL PRINTED BOARDS.
8. COPLANARITY OF SMT TAILS: 0.10 MAX.
9. 64-CIRCUIT PLUG ASSEMBLY WITH PEGS AND VACUUM CAP SHOWN
   FOR ILLUSTRATION PURPOSES ONLY.
10. DATE CODE STAMP IS WEEK, YEAR LOCATED APPROXIMATELY WHERE SHOWN.

DIMENSION UNITS	SCALE
mm	4:1

CURRENT REV DESC: REDRAWN IN NX

molex

GENERAL TOLERANCES
(UNLESS SPECIFIED)

ANGULAR TOL ± 0.5°

EC NO: 610884
DRWN: TTAO03   2019/01/23
CHK'D: JKACHLIC   2019/02/01
APPR: JKACHLIC   2019/02/01
INITIAL REVISION:
DRWN: REED   1995/04/03
APPR: BIXLER   1995/04/03

4 PLACES	±
3 PLACES	±
2 PLACES	± 0.13
1 PLACE	± 0.25
0 PLACES	±

SALES ASSY, 1.0MM BOARD TO BOARD
PLUG CONNECTOR 3.30 STACK HEIGHT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER: 714361000   DOC TYPE: PSD   DOC PART: 000   REVISION: A1

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

DRAWING: C-SIZE   SERIES: 71436

MATERIAL NUMBER: SEE TABLE   CUSTOMER: GENERAL MARKET   SHEET NUMBER: 1 OF 2

DOCUMENT STATUS: P1   RELEASE DATE: 2019/02/01   01:16:38

STANDARD

CIRCUIT SIZE	PLUG ASSY. PART NUMBER	PEGS	CONTACT PLATING SEE PLATING NOTES	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-1164	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-1364	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-1464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1564	NO	30 GOLD	NO	PK-70873-0606	TUBE
64	71436-1664	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1764	NO	30 GOLD	YES	PK-70873-0606	TUBE
64	71436-1864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-1264	YES	50 GOLD	NO	PK-70873-0607	TUBE
64	71436-1064	NO	50 GOLD	NO	PK-70873-0607	TUBE

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.
9.00	5.30	71439-0***		
11.00	7.30	71439-1***	3.30	71436-1***
14.00	10.30	71439-3***		

PRINTED CIRCUIT BOARD

PLUG CONNECTOR

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

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

P
BOTTOMING SURFACE
R
H

RECEPTACLE CONNECTOR

PRINTED CIRCUIT BOARD
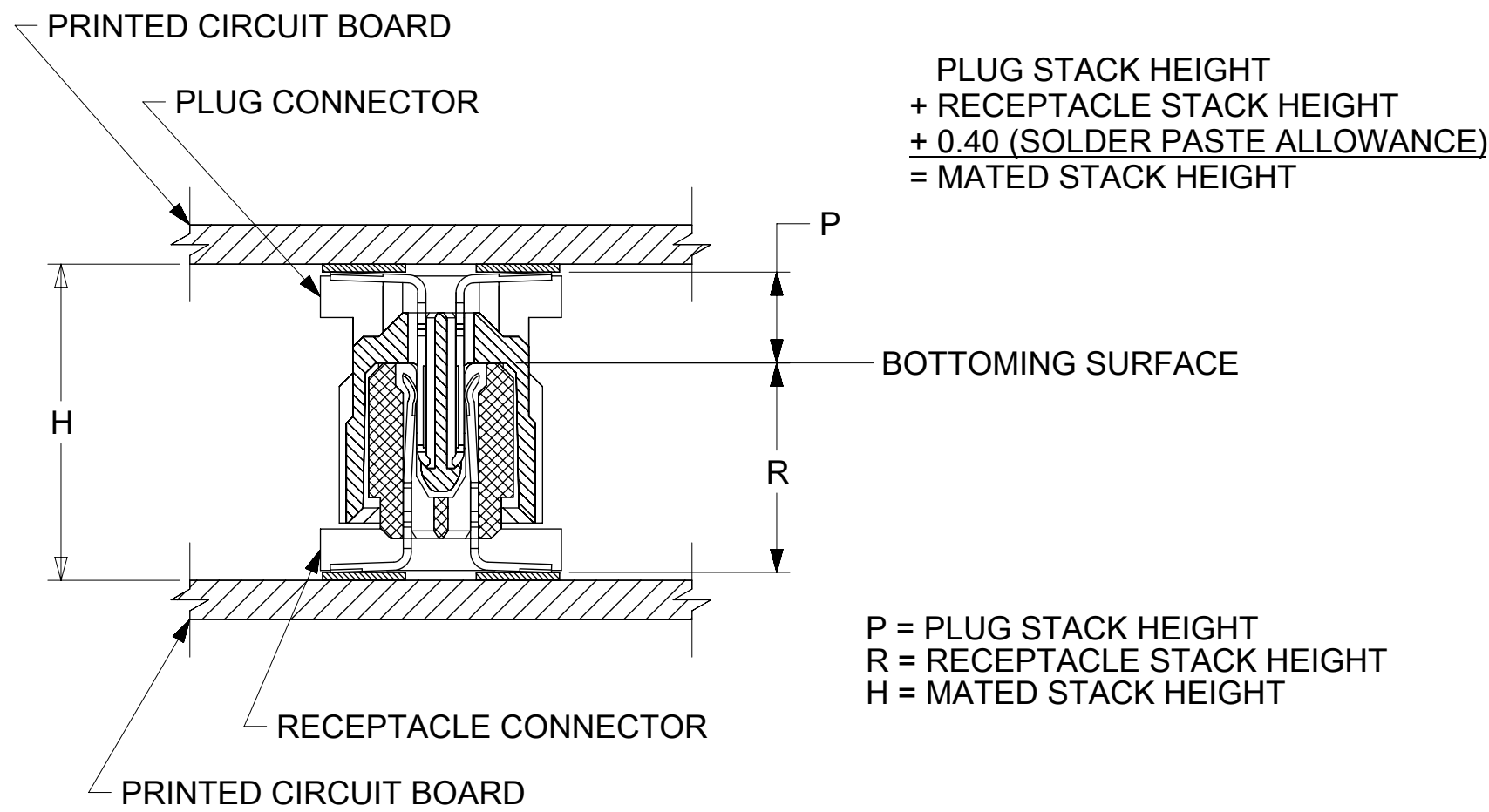
PLATING PER ES-88

30 GOLD - 0.76 MICROMETERS MINIMUM GOLD IN CONTACT AREA AND 1.91 MICOMETERS MINIMUM MATTE TIN IN PC TAIL AREA OVER 1.27 MICROMETERS MINIMUM PLATING OVERALL.

50 GOLD - 1.27 MICROMETERS MINIMUM GOLD IN CONTACT AREA AND 1.91 MICOMETERS MINIMUM MATTE TIN IN PC TAIL AREA OVER 1.27 MICROMETERS MINIMUM PLATING OVERALL.

DIMENSION UNITS	SCALE
mm	---

CURRENT REV DESC: REDRAWN IN NX

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

EC NO: 610884
DRWN: TTAO03   2019/01/23
CHK'D: JKACHLIC   2019/02/01
APPR: JKACHLIC   2019/02/01

INITIAL REVISION:
DRWN: REED   1995/04/03
APPR: BIXLER   1995/04/03

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

THIRD ANGLE PROJECTION

molex

SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 3.30 STACK HEIGHT

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
714361000	PSD	000	A1

DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
C-SIZE	71436	SEE TABLE	GENERAL MARKET	2 OF 2

FORMAT: master-tb-prod-C
REVISION: H
DATE: 2018/01/16