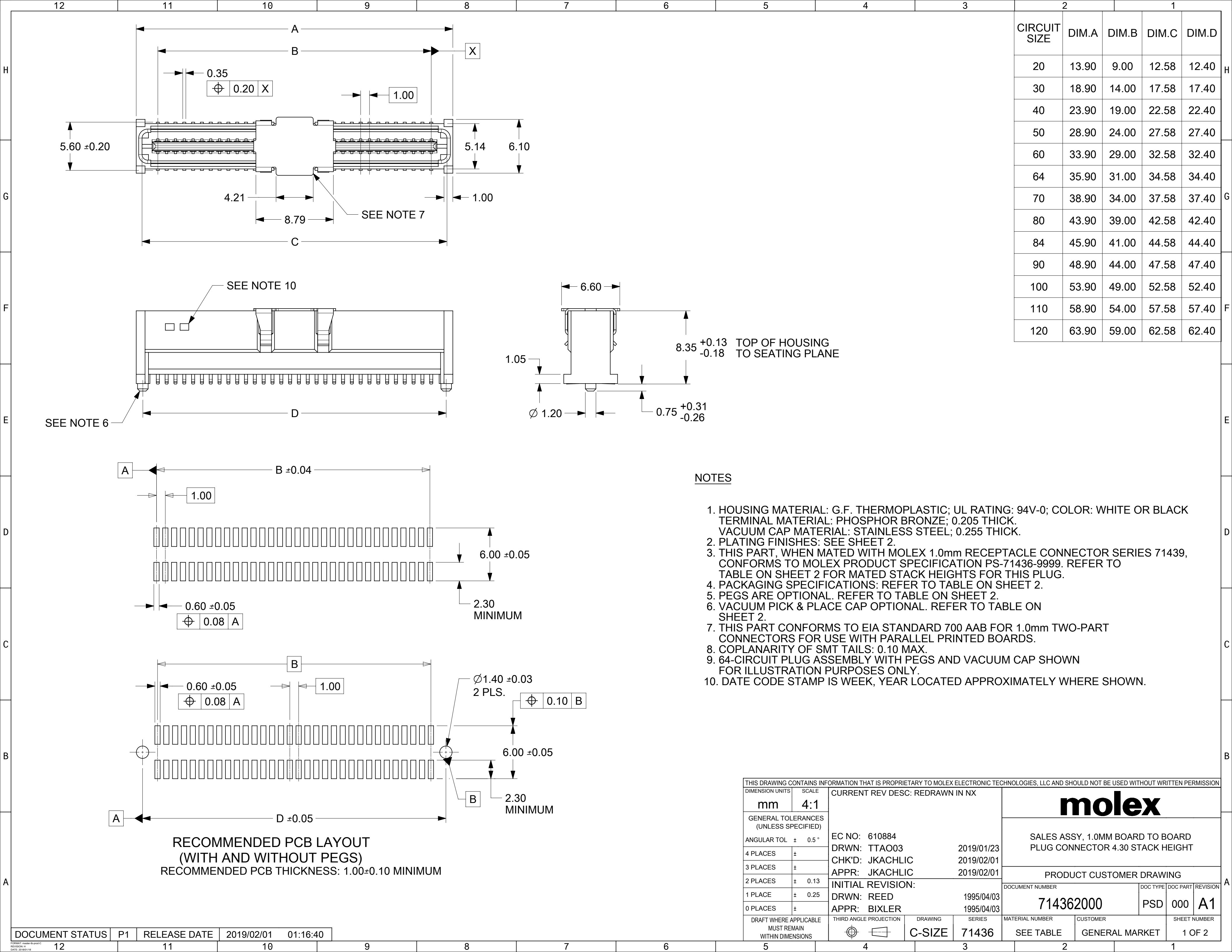
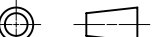




CIRCUIT SIZE	DIM.A	DIM.B	DIM.C	DIM.D
20	13.90	9.00	12.58	12.40
30	18.90	14.00	17.58	17.40
40	23.90	19.00	22.58	22.40
50	28.90	24.00	27.58	27.40
60	33.90	29.00	32.58	32.40
64	35.90	31.00	34.58	34.40
70	38.90	34.00	37.58	37.40
80	43.90	39.00	42.58	42.40
84	45.90	41.00	44.58	44.40
90	48.90	44.00	47.58	47.40
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

NOTES

1. HOUSING MATERIAL: G.F. THERMOPLASTIC; UL RATING: 94V-0; COLOR: WHITE OR BLACK
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.

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: REDRAWN IN NX				molex						
mm		4:1												
GENERAL TOLERANCES (UNLESS SPECIFIED)				SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 4.30 STACK HEIGHT										
ANGULAR TOL ± 0.5 °														
4 PLACES		±												
3 PLACES		±												
2 PLACES		± 0.13												
1 PLACE		± 0.25												
0 PLACES		±												
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
										714362000		PSD	000	A1
						C-SIZE		71436		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
										SEE TABLE		GENERAL MARKET		1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/02/01	01:16:40
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WHITE (NATURAL) MATERIAL

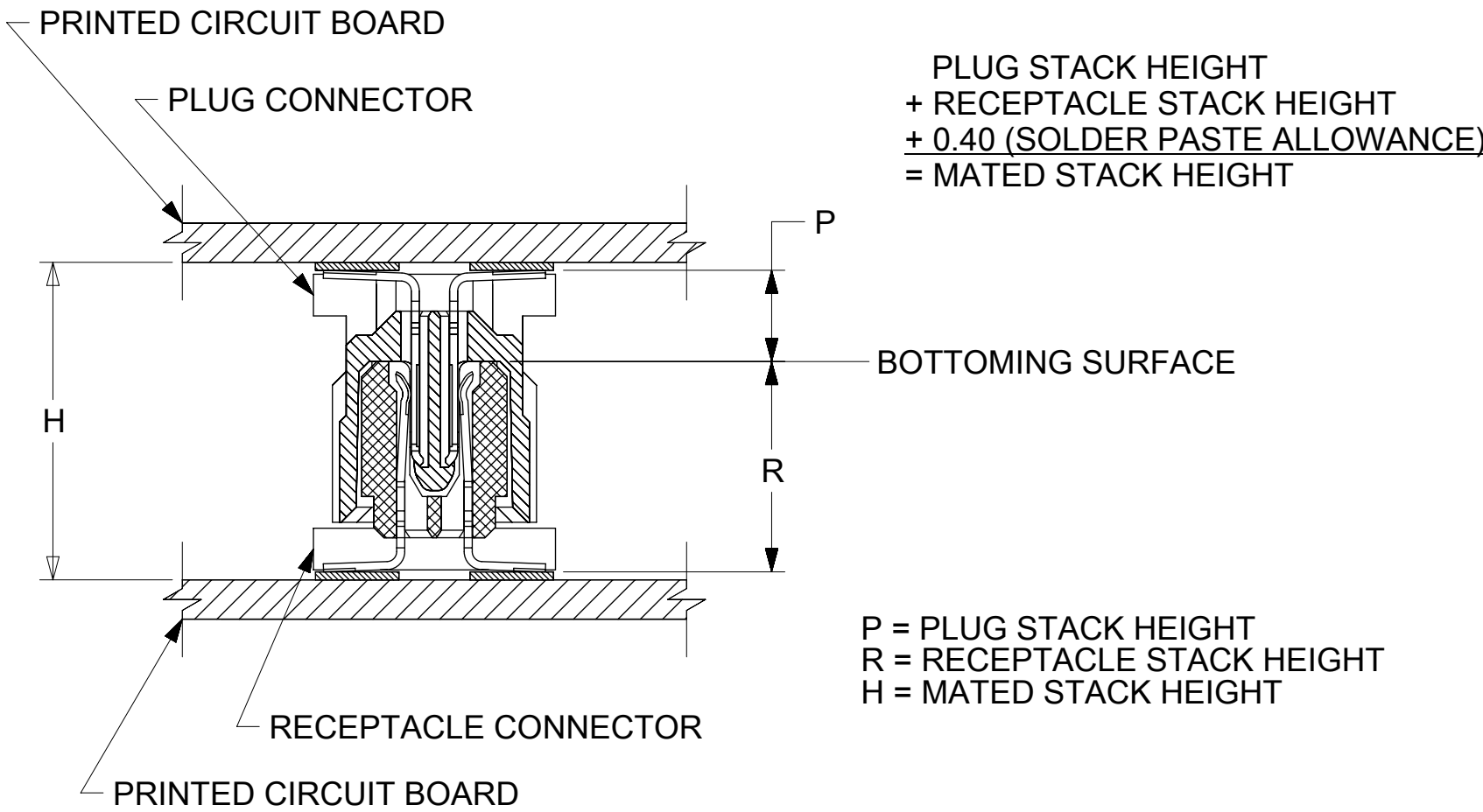
CIRCUIT SIZE	PLUG ASSY. PART NUMBER	PEGS	CONTACT PLATING SEE PLATING NOTES	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-2164	YES	30 GOLD	NO	PK-70873-0607	TUBE
64	71436-2364	YES	30 GOLD	YES	PK-70873-0607	TUBE
64	71436-2464	YES	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-2564	NO	30 GOLD	NO	PK-70873-0606	TUBE
64	71436-2764	NO	30 GOLD	YES	PK-70873-0606	TUBE
64	71436-2864	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-2264	NO	50 GOLD	YES	PK-70873-063	TAPE & REEL
64	71436-2664	YES	50 GOLD	NO	PK-70873-0607	TUBE
64	71436-2064	NO	50 GOLD	NO	PK-70873-0606	TUBE

BLACK MATERIAL WITH PICK & PLACE CAP

CIRCUIT SIZE	PLUG ASSY. PART NUMBER	PEGS	CONTACT PLATING SEE PLATING NOTES	PICK & PLACE CAP	PACKAGING SPEC. NUMBER	PACKAGING TYPE
64	71436-2964	NO	30 GOLD	YES	PK-70873-063	TAPE & REEL

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.
10.00	5.30	71439-0***	4.30	71436-2***
12.00	7.30	71439-1***		
13.00	8.30	71439-2***		
15.00	10.30	71439-3***		



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.

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DIMENSION UNITS		SCALE		CURRENT REV DESC: REDRAWN IN NX				molex SALES ASSY, 1.0MM BOARD TO BOARD PLUG CONNECTOR 4.30 STACK HEIGHT			
mm		---									
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 610884 DRWN: TTAO03 2019/01/23 CHK'D: JKACHLIC 2019/02/01 APPR: JKACHLIC 2019/02/01							
ANGULAR TOL		± 0.5 °									
4 PLACES		±									
3 PLACES		±		PRODUCT CUSTOMER DRAWING							
2 PLACES		± 0.13									
1 PLACE		± 0.25									
0 PLACES		±		DOCUMENT NUMBER 714362000				DOC TYPE	DOC PART	REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
						C-SIZE	71436	SEE TABLE	GENERAL MARKET		2 OF 2

Mouser Electronics

Authorized Distributor

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[71436-2064](#)