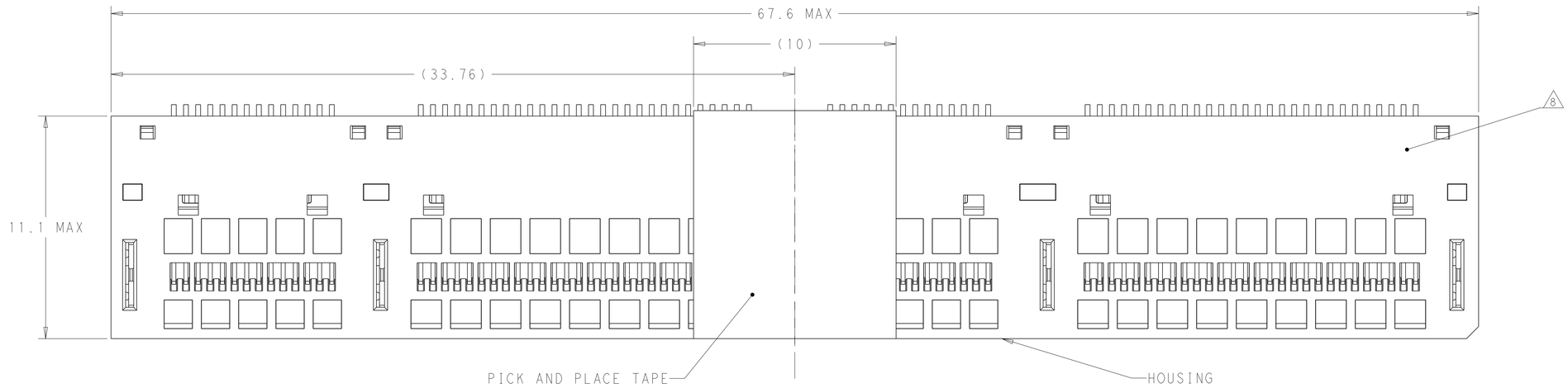
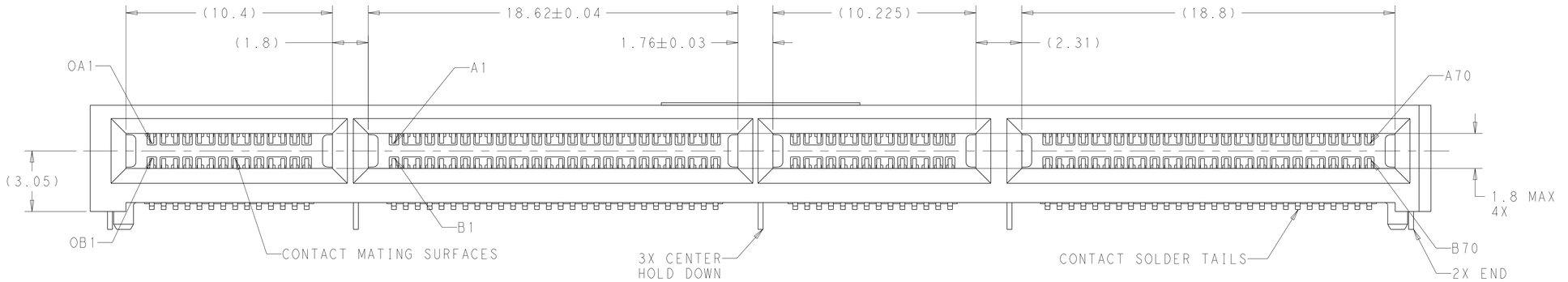
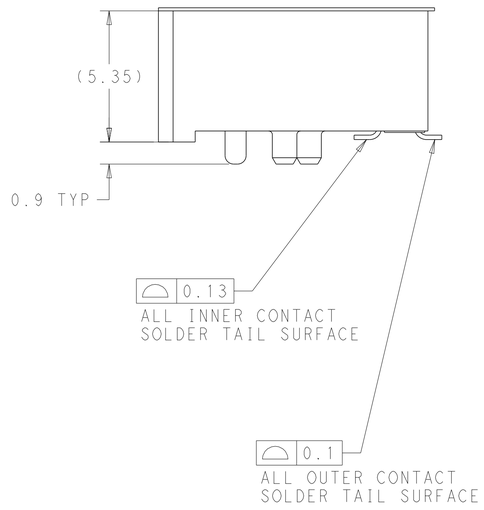
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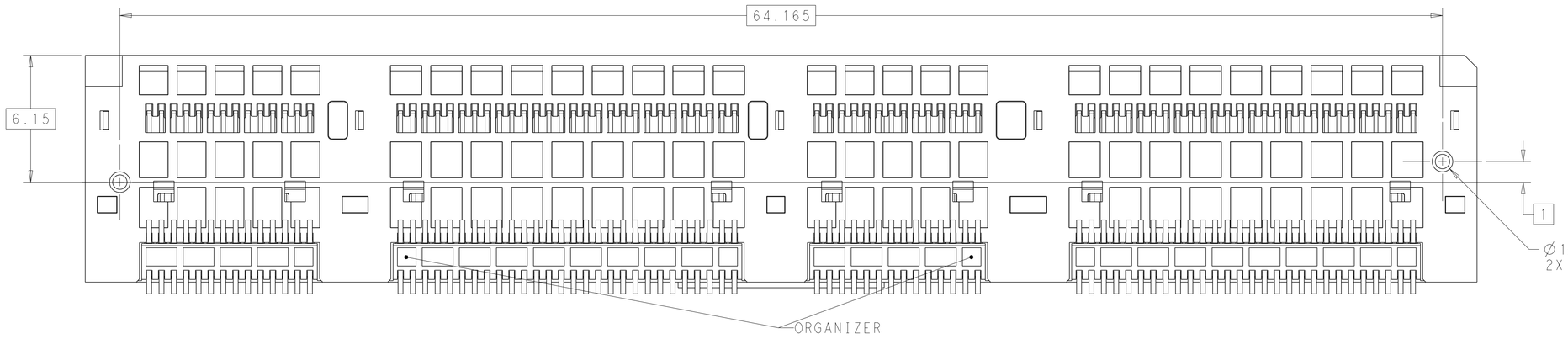
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GO TO PRODUCTION PER ECN-24-256033	13MAR2024	TX	DZ
	A1	REVISED PER ECN-24-266777	20MAY2024	TR	JM









1. HOUSING, ORGANIZER, CONTACT OVERMOLDS - LCP, BLACK, UL94V-0 RATED.
   CONTACTS AND HOLD DOWNS - COPPER ALLOY.
   PICK AND PLACE TAPE - POLYIMIDE FILM.
2. CONTACTS - GOLD PLATE ON MATING SURFACES, TIN PLATE ON SOLDER TAILS.
   HOLD DOWNS - TIN PLATE.
3. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
4. DESIGNED FOR A 1.5 MIN THICK HOST PC BOARD.
5. SEE MSA SPECIFICATION FOR ADDITIONAL PADDLE CARD LAYOUTS COMPATABLE WITH THIS RECEPTACLE AND FOR OPTIONAL SPLIT CONTACT PAD LAYOUTS FOR THE PADDLE CARD. SPECIFICATION PINOUT MAY ALSO DESIGNATE PAD SEQUENCE DIFFERENT FROM ILLUSTRATION.

PACKAGING	PLATING	PICK AND PLACE TAPE	HOLD DOWNS	MATING CYCLES	PART NUMBER
TAPE&REEL	0.76µm Au	NO	ALL	200	2450185-4
HARD TRAY	0.76µm Au	YES		200	2450185-3
HARD TRAY	0.38µm Au			100	2450185-2
HARD TRAY	FLASH Au/Pd Ni			50	2450185-1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.20
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1

FINISH 2

DWN TIM XUE 08FEB2023
CHK DAVID ZHANG 08FEB2023
APVD DAVID ZHANG 08FEB2023
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130008
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 168 POSITON, SILVER 2.0
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2450185	-

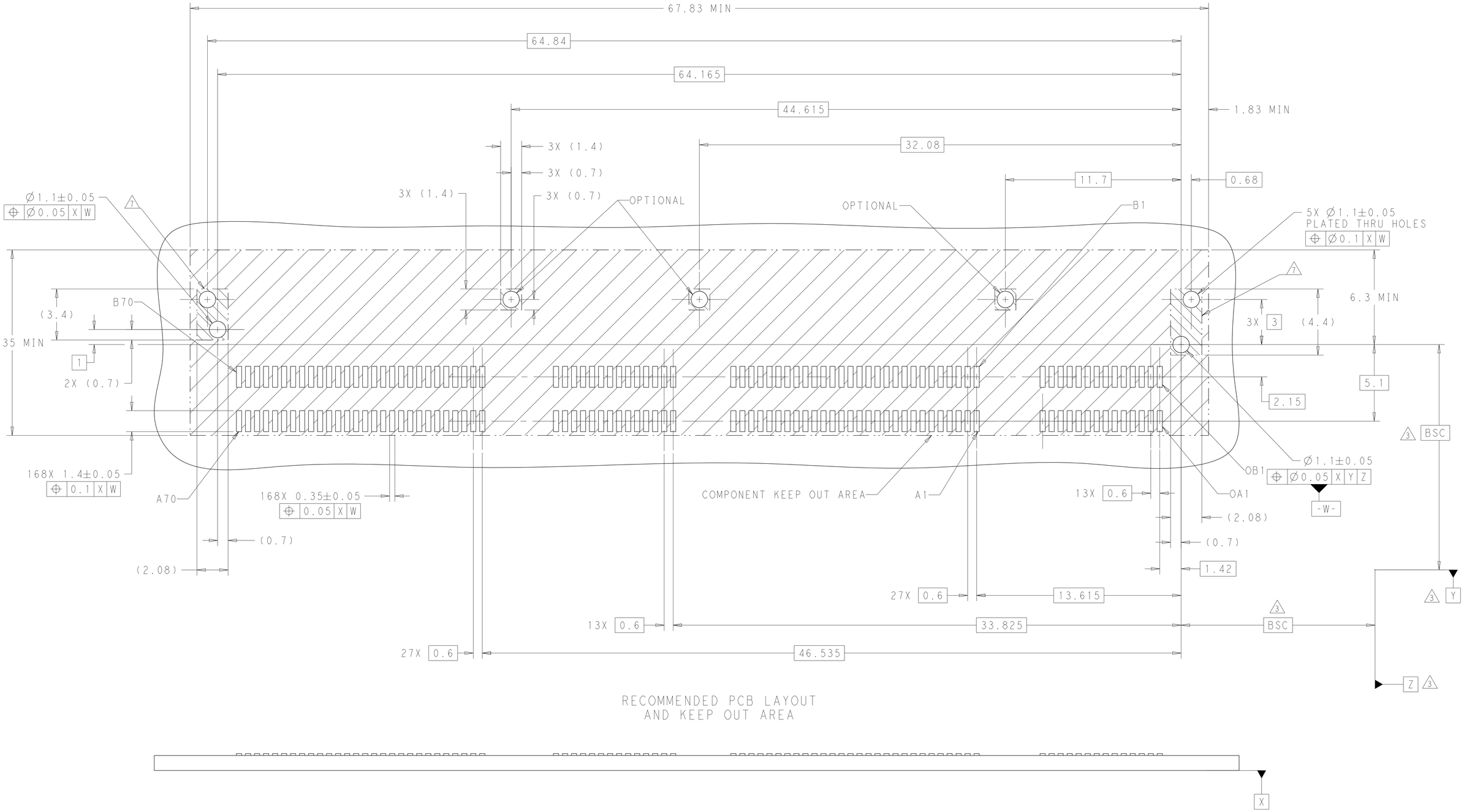
CUSTOMER DRAWING SCALE 8:1 SHEET 1 OF 4 REV A1

4805 (3/13)

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



RECOMMENDED PCB LAYOUT
AND KEEP OUT AREA

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.20
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL

FINISH

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CHK DAVID ZHANG 08FEB2023
APVD DAVID ZHANG 08FEB2023
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130008
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 168 POSITON, SILVER 2.0
-

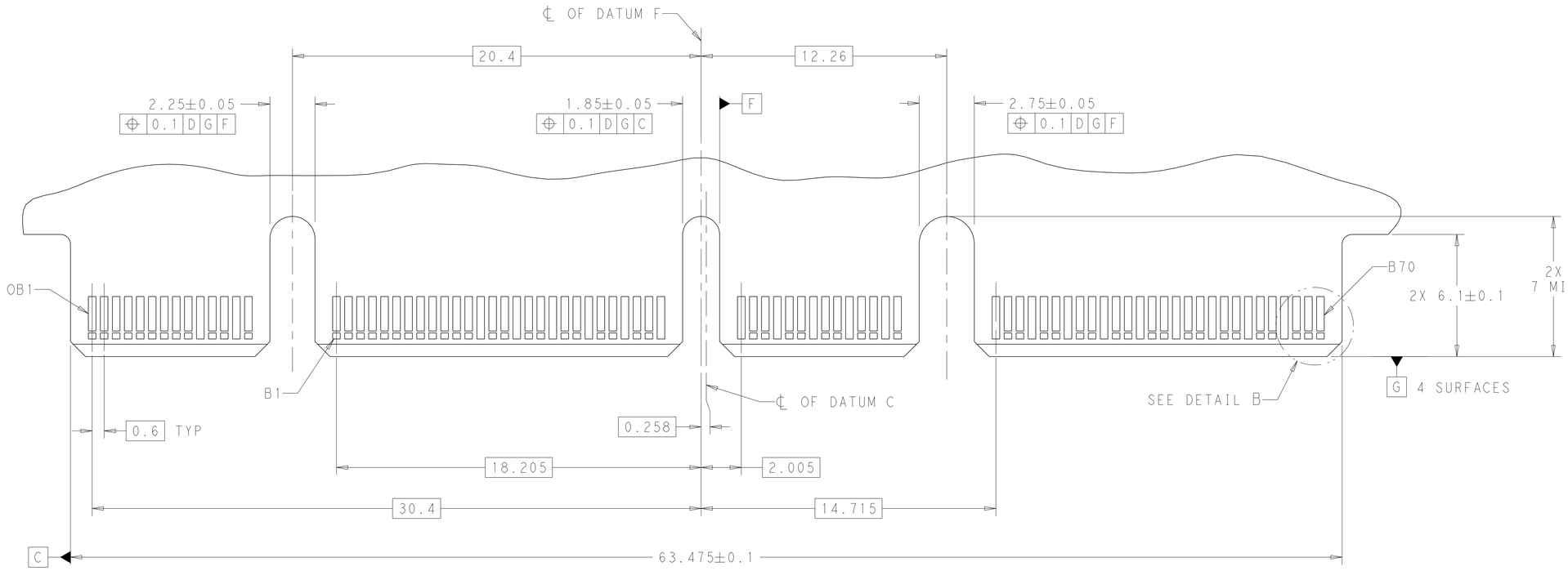
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2450185	-

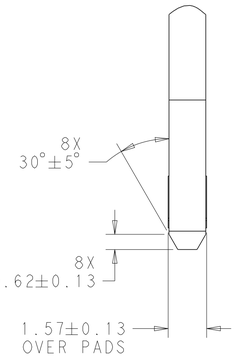
CUSTOMER DRAWING | SCALE 10:1 | SHEET 2 OF 4 | REV A1

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REVISIONS

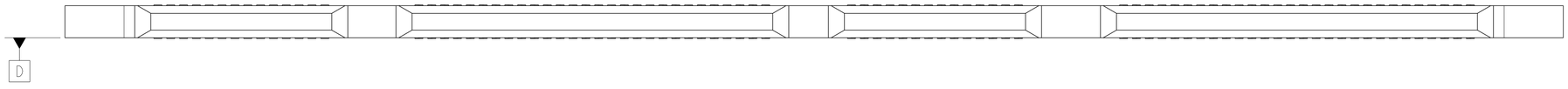
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

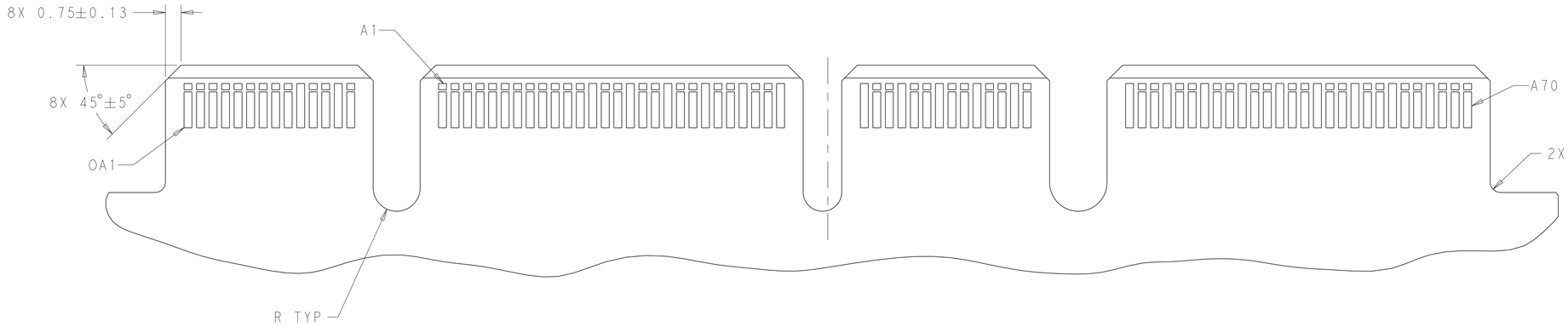


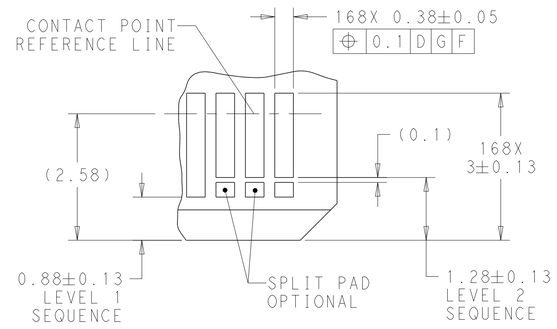


RECOMMENDED PCB OUTLINE DIMENSIONS

TOLERANCE VALUES ARE CRITICAL. PLEASE BE SURE TO DESIGNATE TOLERANCE TO PCB SUPPLIER TO ENSURE OPTIMIZED FUNCTIONALITY.







DETAIL B
SCALE 16:1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.20
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL

FINISH

DWN TIM XUE 08FEB2023
CHK DAVID ZHANG 08FEB2023
APVD DAVID ZHANG 08FEB2023
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130008
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, RIGHT ANGLE, 168 POSITON, SILVER 2.0
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2450185	-

CUSTOMER DRAWING | SCALE 10:1 | SHEET 3 OF 4 | REV A1

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REVISIONS

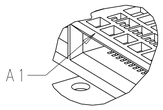
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

CONNECTOR CONTACT IDENTIFICATION 5 6

CONTACT NUMBER	SIDE A	SIDE B
1	GROUND	GROUND
2	SIGNAL	SIGNAL
3	SIGNAL	SIGNAL
4	GROUND	GROUND
5	SIGNAL	SIGNAL
6	SIGNAL	SIGNAL
7	GROUND	GROUND
8	SIGNAL	SIGNAL
9	SIGNAL	SIGNAL
10	GROUND	GROUND
11	SIGNAL	SIGNAL
12	SIGNAL	SIGNAL
13	GROUND	GROUND
14	SIGNAL	SIGNAL
15	SIGNAL	SIGNAL
16	GROUND	GROUND
17	SIGNAL	SIGNAL
18	SIGNAL	SIGNAL
19	GROUND	GROUND
20	SIGNAL	SIGNAL
21	SIGNAL	SIGNAL
22	GROUND	GROUND
23	SIGNAL	SIGNAL
24	SIGNAL	SIGNAL
25	GROUND	GROUND
26	SIGNAL	SIGNAL
27	SIGNAL	SIGNAL
28	GROUND	GROUND
29	GROUND	GROUND
30	SIGNAL	SIGNAL
31	SIGNAL	SIGNAL
32	GROUND	GROUND
33	SIGNAL	SIGNAL
34	SIGNAL	SIGNAL
35	GROUND	GROUND

CONTACT NUMBER	SIDE A	SIDE B
36	SIGNAL	SIGNAL
37	SIGNAL	SIGNAL
38	GROUND	GROUND
39	SIGNAL	SIGNAL
40	SIGNAL	SIGNAL
41	GROUND	GROUND
42	GROUND	GROUND
43	GROUND	GROUND
44	SIGNAL	SIGNAL
45	SIGNAL	SIGNAL
46	GROUND	GROUND
47	SIGNAL	SIGNAL
48	SIGNAL	SIGNAL
49	GROUND	GROUND
50	SIGNAL	SIGNAL
51	SIGNAL	SIGNAL
52	GROUND	GROUND
53	SIGNAL	SIGNAL
54	SIGNAL	SIGNAL
55	GROUND	GROUND
56	SIGNAL	SIGNAL
57	SIGNAL	SIGNAL
58	GROUND	GROUND
59	SIGNAL	SIGNAL
60	SIGNAL	SIGNAL
61	GROUND	GROUND
62	SIGNAL	SIGNAL
63	SIGNAL	SIGNAL
64	GROUND	GROUND
65	SIGNAL	SIGNAL
66	SIGNAL	SIGNAL
67	GROUND	GROUND
68	SIGNAL	SIGNAL
69	SIGNAL	SIGNAL
70	GROUND	GROUND

CONTACT NUMBER	SIDE OA	SIDE OB
1	GROUND	GROUND
2	SIGNAL	SIGNAL
3	SIGNAL	SIGNAL
4	GROUND	GROUND
5	SIGNAL	SIGNAL
6	SIGNAL	SIGNAL
7	GROUND	GROUND
8	SIGNAL	SIGNAL
9	SIGNAL	SIGNAL
10	GROUND	GROUND
11	SIGNAL	SIGNAL
12	SIGNAL	SIGNAL
13	GROUND	GROUND
14	GROUND	GROUND



DETAIL J
SCALE 4:1

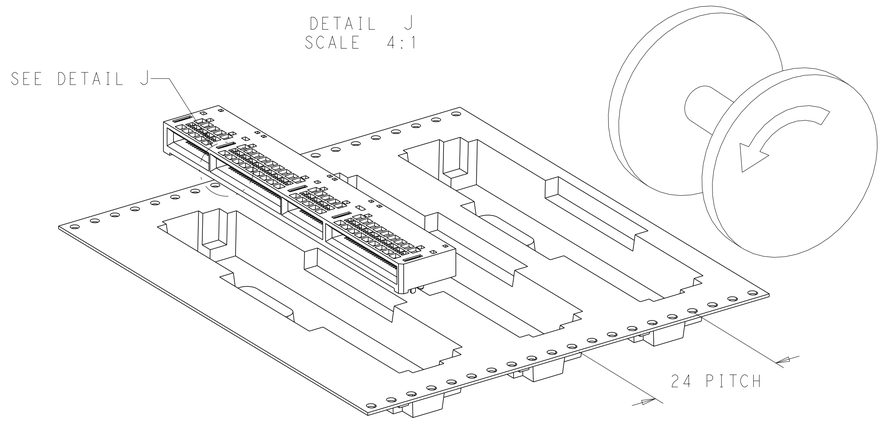
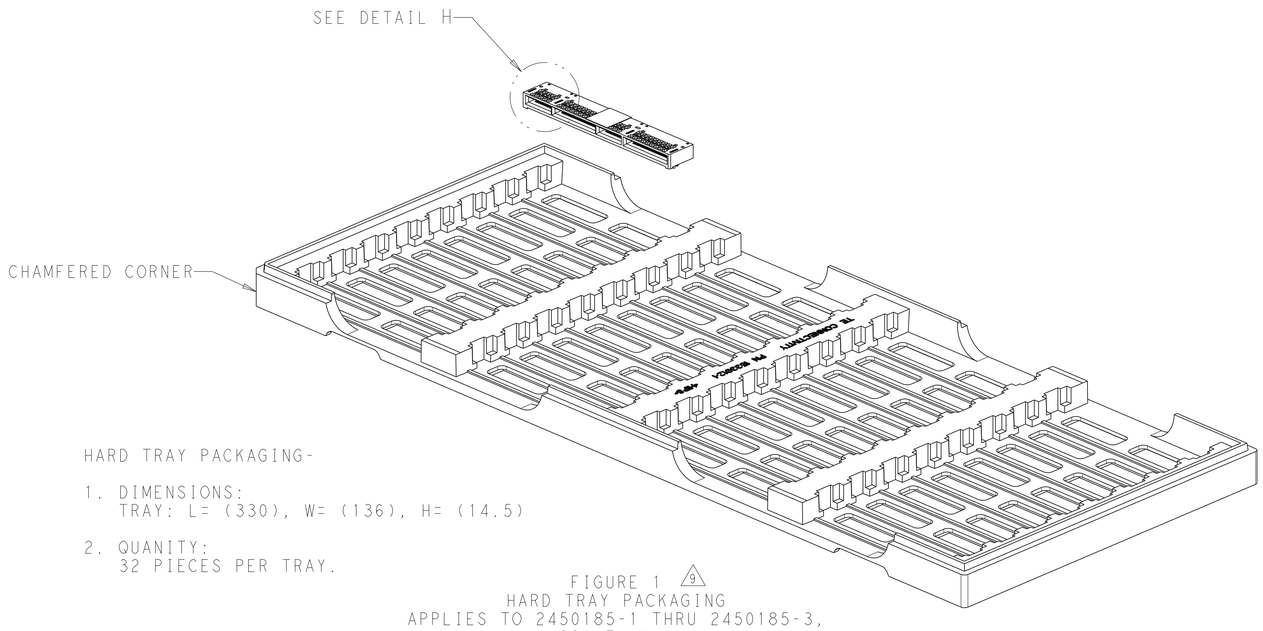
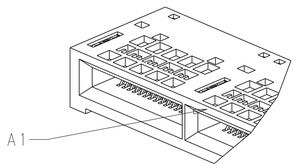


FIGURE 2 10
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
APPLIES TO 2450185-4 ONLY
SCALE 2:1





DETAIL H
SCALE 4:1

HARD TRAY PACKAGING-

1. DIMENSIONS:
   TRAY: L= (330), W= (136), H= (14.5)

2. QUANITY:
   32 PIECES PER TRAY.

FIGURE 1 9
HARD TRAY PACKAGING
APPLIES TO 2450185-1 THRU 2450185-3,
SCALE 1:1

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DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.20
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL
FINISH

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A1	-	C-2450185	-

CUSTOMER DRAWING | SCALE 8:1 | SHEET 4 OF 4 | REV A1