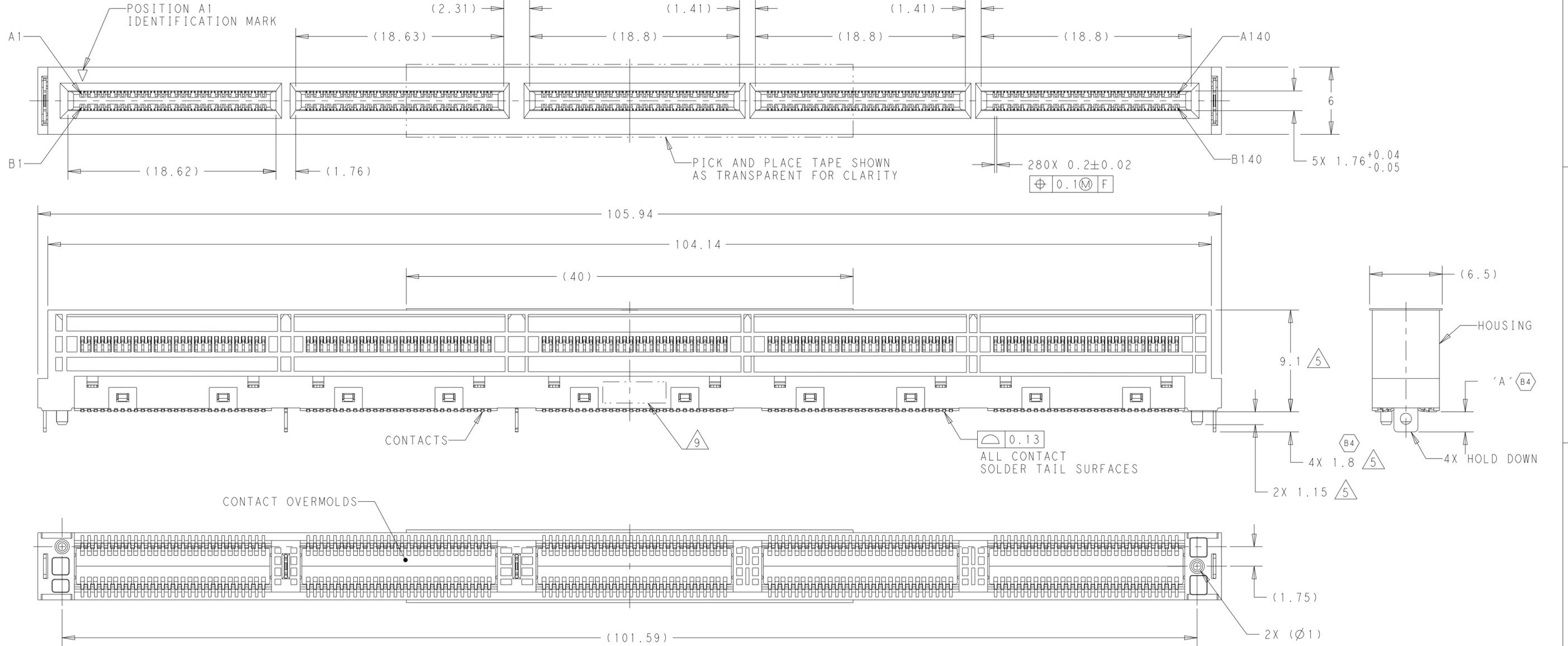


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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
B1		REVISED PER ECN-24-275606	16JUL2024	TR	JM
B2		REVISED PER ECN-24-277410	24JUL2024	TR	JM
B3		REVISED PER ECN-24-289220	17OCT2024	AP	JM
B4		REVISED PER ECR-25-231676	09JAN2025	AN	JM



- 1 HOUSING AND 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 FEET. HOLD DOWNS - TIN PLATE.
- 3 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
- 4. DESIGNED FOR A 1.5 MIN THICK HOST PC BOARD.
- 5 DIMENSION APPLIES FROM CONTACT TAILS.
- 6 PINOUT AND PAD SEQUENCE MAY VARY BY APPLICATION.

- 7 POSITIONS DESIGNATED AS "SIGNAL" ARE REQUIRED LOCATIONS FOR HIGH SPEED DIFFERENTIAL PAIR SIGNALING. THESE LOCATIONS MAY ALSO BE USED FOR SUPPORTING SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES. POSITIONS DESIGNATED AS "GROUND" ARE REQUIRED WHEN SUPPORTING HIGH SPEED DIFFERENTIAL SIGNALS. THESE LOCATIONS MAY ALSO BE USED FOR SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES.
- 8 COMPONENT AND TRACE KEEP OUT AREA. EACH EDGE 0.15 MIN FROM EDGE OF HOLE.
- 9 DATE CODE MARKED IN APPROXIMATE AREA SHOWN.
- 10. MATES WITH BOARDS DESIGNED TO THE SFF-TA-1002 SPECIFICATION.
- 11. TO PHI PLANT.

DIM 'A' IN MM	PACKAGING	PLATING	PICK AND PLACE TAPE	MATING CYCLES	PART NUMBER
1.8	HARD TRAY	0.76µm Au	YES	200	2-2328461-1
1.8	HARD TRAY	0.76µm Au	NO	200	1-2328461-2
1.8	HARD TRAY	0.76µm Au	YES	200	1-2328461-1
1.2	HARD TRAY	0.76µm Au	YES	200	2328461-4
1.8	HARD TRAY	0.38µm Au	YES	100	2328461-2
1.8	HARD TRAY	FLASH Au/Pd Ni	YES	50	2328461-1

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DWN M. SHIRK 24APR2018
 CHK J. WESTMAN 24APR2018

APVD -

PRODUCT SPEC 108-130022
 APPLICATION SPEC 114-130011

WEIGHT -

CUSTOMER DRAWING

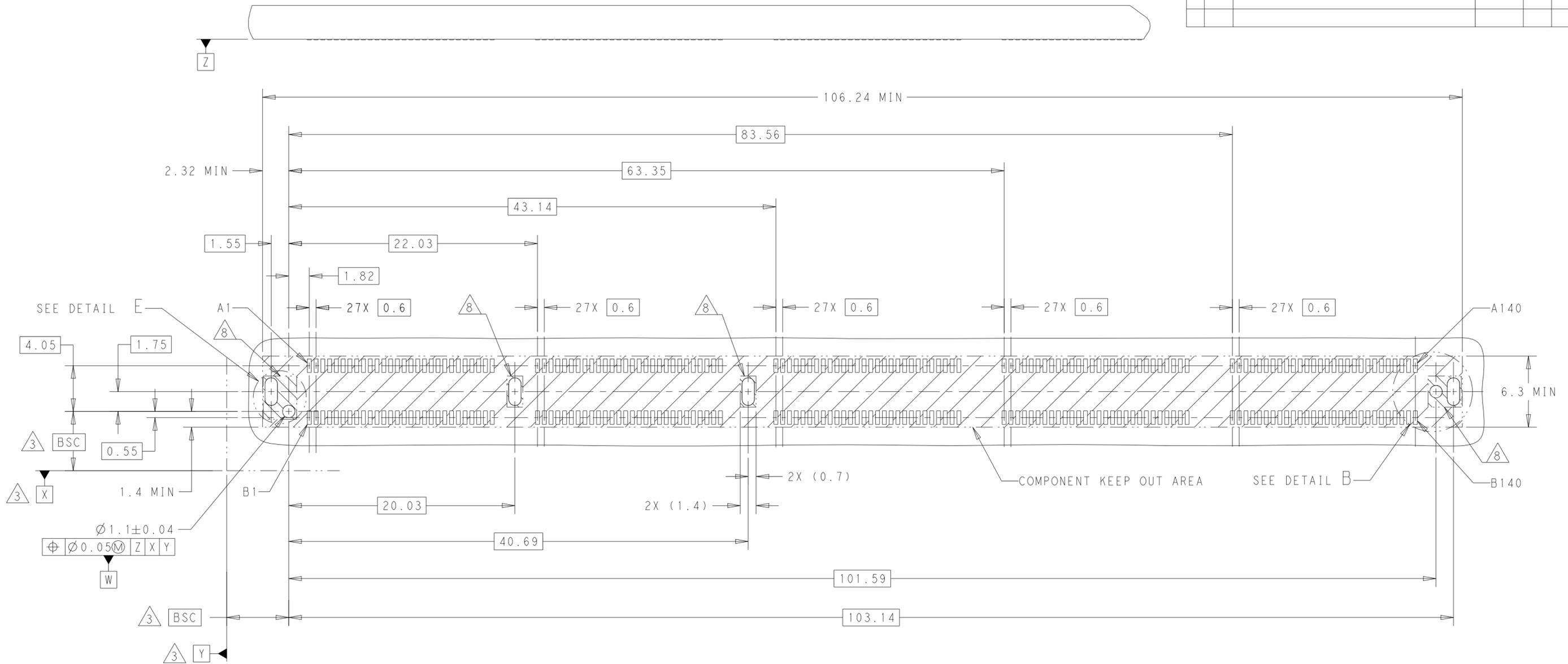
SCALE 4:1 SHEET 1 OF 4 REV B4

STE TE Connectivity

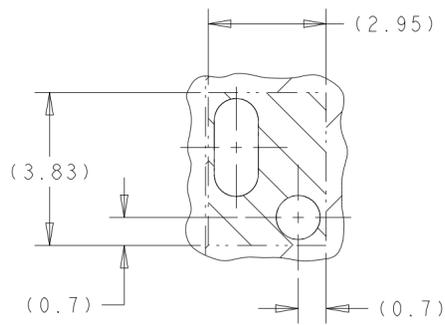
NAME RECEPTACLE CONNECTOR, VERTICAL, 280 POSITION, SLIVER 2.0

SIZE A2 CAGE CODE 00779 DRAWING NO C-2328461 RESTRICTED TO

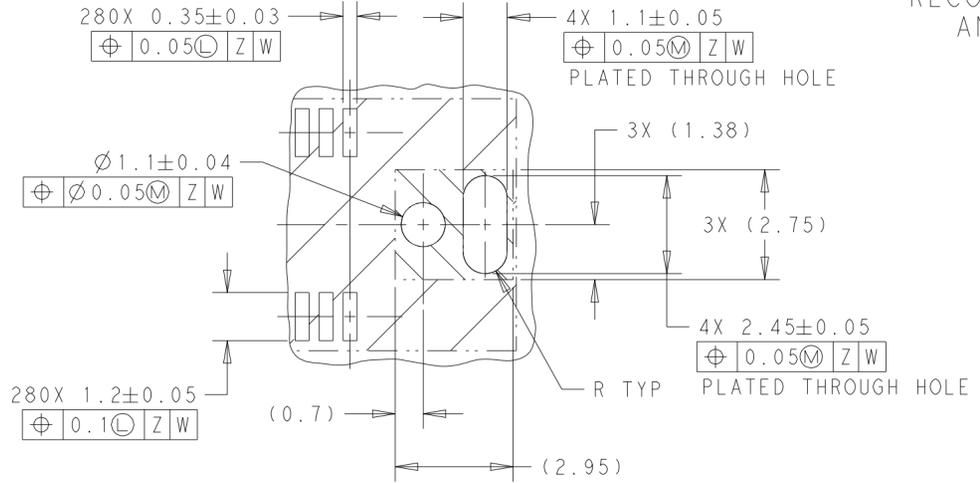
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-



RECOMMENDED PCB LAYOUT AND KEEP OUT AREA



DETAIL E
SCALE 8:1

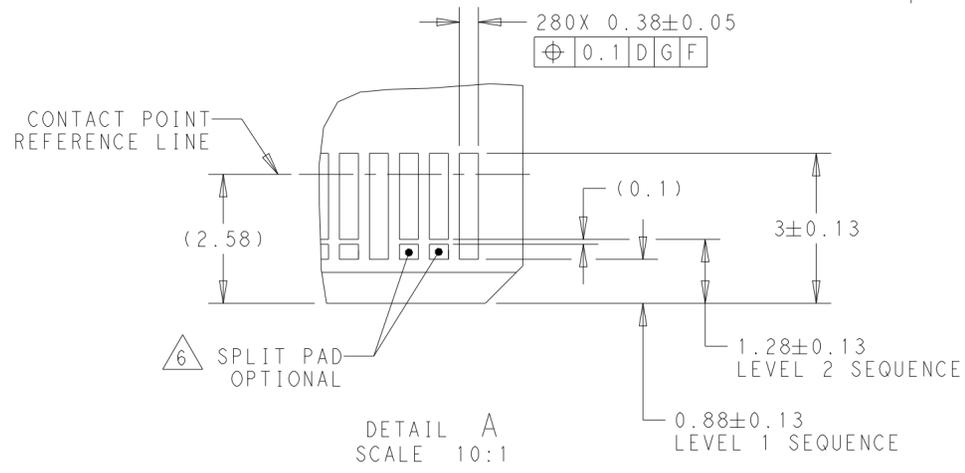
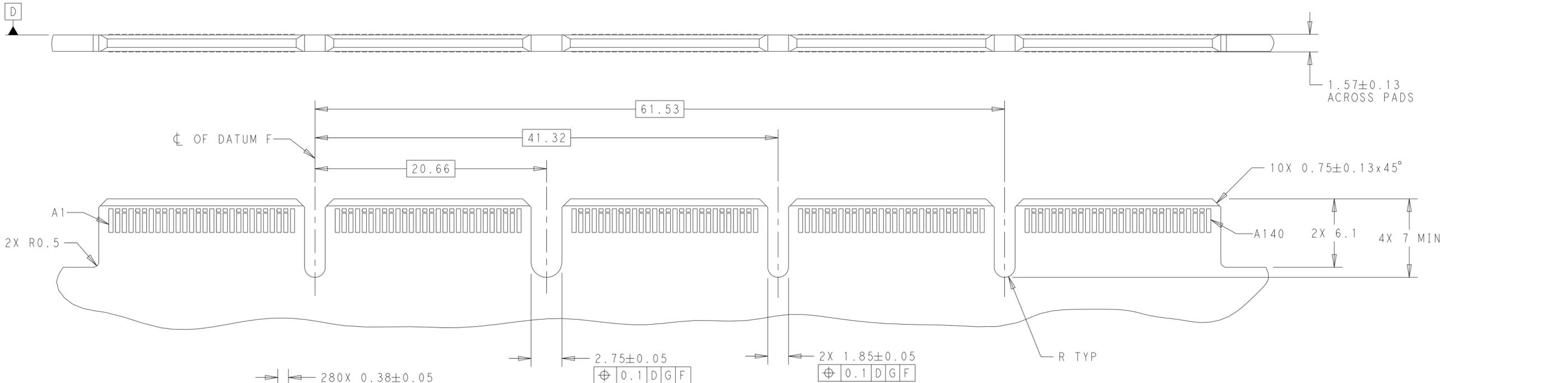
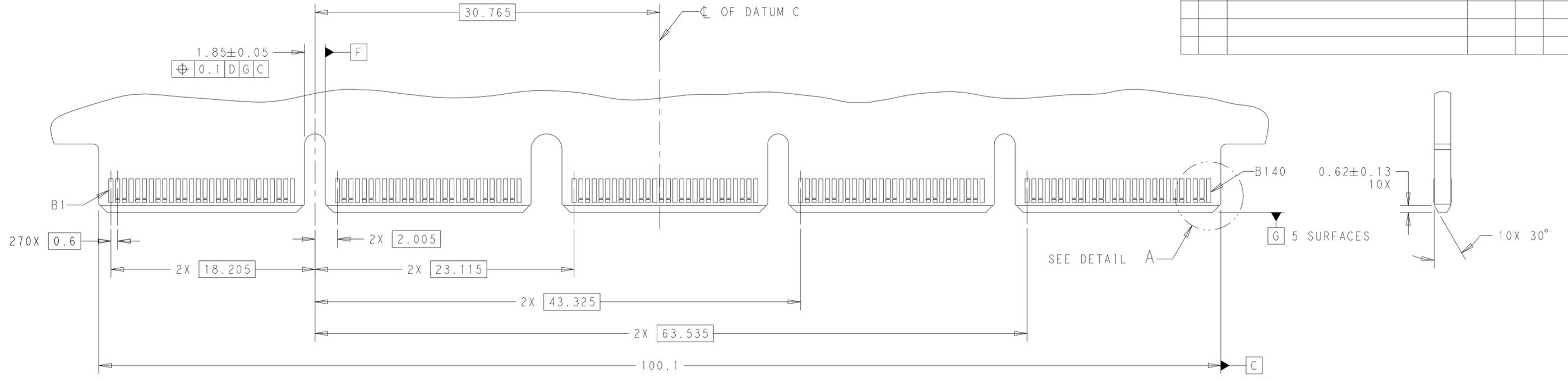


DETAIL B
SCALE 8:1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 24APR2018	TE Connectivity	
		CHK J. WESTMAN 24APR2018		
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ±5° FINISH -		NAME RECEPTACLE CONNECTOR, VERTICAL, 280 POSITION, SLIVER 2.0 PRODUCT SPEC 108-130022 APPLICATION SPEC 114-130011 WEIGHT - CUSTOMER DRAWING
		APVD -	SIZE A2	CAGE CODE 00779 DRAWING NO C-2328461 RESTRICTED TO B4
		SCALE 4:1		SHEET 2 OF 4

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 24APR2018	TE Connectivity	
		CHK J. WESTMAN 24APR2018		
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.1 2 PLC ±0.1 3 PLC ±- 4 PLC ±- ANGLES ±5° FINISH -		NAME RECEPTACLE CONNECTOR, VERTICAL, 280 POSITION, SLIVER 2.0 PRODUCT SPEC 108-130022 APPLICATION SPEC 114-130011 WEIGHT - CUSTOMER DRAWING
		APVD -	SIZE A2	RESTRICTED TO B4
		APVD -	CAGE CODE 00779	SCALE 4:1
		APVD -	DRAWING NO. C-2328461	SHEET 3 OF 4

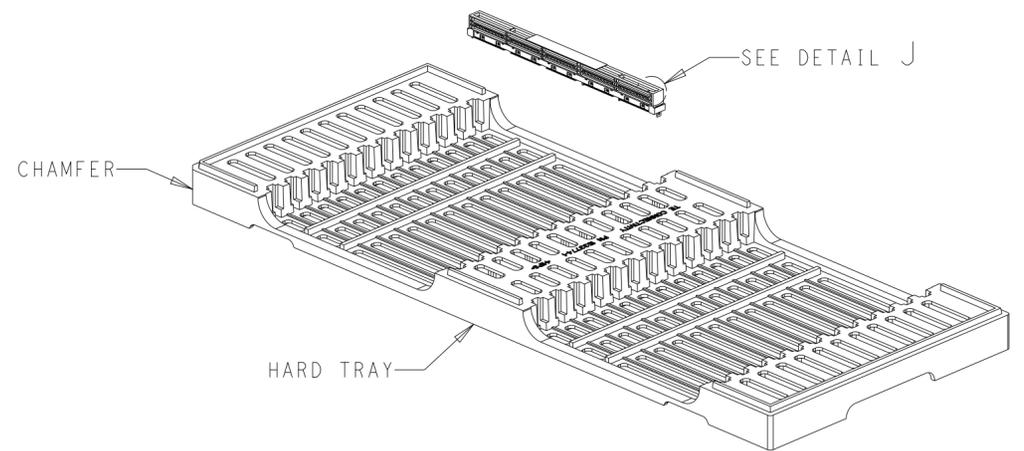
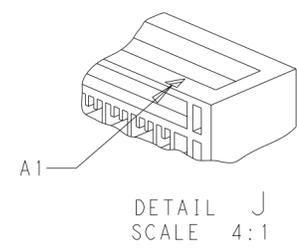
REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
-	-	SEE SHEET 1	-	-

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
36	SIGNAL	SIGNAL
37	SIGNAL	SIGNAL
38	GROUND	GROUND
39	SIGNAL	SIGNAL
40	SIGNAL	SIGNAL
41	GROUND	GROUND
42	SIGNAL	SIGNAL
43	SIGNAL	SIGNAL
44	GROUND	GROUND
45	SIGNAL	SIGNAL
46	SIGNAL	SIGNAL
47	GROUND	GROUND
48	SIGNAL	SIGNAL
49	SIGNAL	SIGNAL
50	GROUND	GROUND
51	SIGNAL	SIGNAL
52	SIGNAL	SIGNAL
53	GROUND	GROUND
54	SIGNAL	SIGNAL
55	SIGNAL	SIGNAL
56	GROUND	GROUND

CONTACT NUMBER	SIDE A	SIDE B
57	GROUND	GROUND
58	SIGNAL	SIGNAL
59	SIGNAL	SIGNAL
60	GROUND	GROUND
61	SIGNAL	SIGNAL
62	SIGNAL	SIGNAL
63	GROUND	GROUND
64	SIGNAL	SIGNAL
65	SIGNAL	SIGNAL
66	GROUND	GROUND
67	SIGNAL	SIGNAL
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91	GROUND	GROUND
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97	GROUND	GROUND
98	SIGNAL	SIGNAL
99	SIGNAL	SIGNAL
100	GROUND	GROUND
101	SIGNAL	SIGNAL
102	SIGNAL	SIGNAL
103	GROUND	GROUND
104	SIGNAL	SIGNAL
105	SIGNAL	SIGNAL
106	GROUND	GROUND
107	SIGNAL	SIGNAL
108	SIGNAL	SIGNAL
109	GROUND	GROUND
110	SIGNAL	SIGNAL
111	SIGNAL	SIGNAL
112	GROUND	GROUND

CONTACT NUMBER	SIDE A	SIDE B
113	GROUND	GROUND
114	SIGNAL	SIGNAL
115	SIGNAL	SIGNAL
116	GROUND	GROUND
117	SIGNAL	SIGNAL
118	SIGNAL	SIGNAL
119	GROUND	GROUND
120	SIGNAL	SIGNAL
121	SIGNAL	SIGNAL
122	GROUND	GROUND
123	SIGNAL	SIGNAL
124	SIGNAL	SIGNAL
125	GROUND	GROUND
126	SIGNAL	SIGNAL
127	SIGNAL	SIGNAL
128	GROUND	GROUND
129	SIGNAL	SIGNAL
130	SIGNAL	SIGNAL
131	GROUND	GROUND
132	SIGNAL	SIGNAL
133	SIGNAL	SIGNAL
134	GROUND	GROUND
135	SIGNAL	SIGNAL
136	SIGNAL	SIGNAL
137	GROUND	GROUND
138	SIGNAL	SIGNAL
139	SIGNAL	SIGNAL
140	GROUND	GROUND

- MATERIAL:
 TRAY: HIPS, COLOR: BLACK.
 BOX: CORRUGATED FIBERBOARD.
 TRANSPARENT BAG: PE.
- DIMENSIONS:
 TRAY: L= 330, W= 136, H= 18.
 BOX: L= 13.75 IN, W= 11.75 IN, H= 5.75 IN.
- QUANTITY:
 24 PIECES PER TRAY.
 288 PIECES PER BOX.



HARD TRAY PACKAGING
 SHOWN AS 2328461-1, 2328461-2 OR 1-2328461-1
 SCALE 1:2

CONNECTOR CONTACT IDENTIFICATION

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		CHK J. WESTMAN 24APR2018	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.1 3 PLC ± 4 PLC ± ANGLES ±5° FINISH	APVD -	NAME RECEPTACLE CONNECTOR, VERTICAL, 280 POSITION, SLIVER 2.0
MATERIAL -	-	PRODUCT SPEC 108-130022	SIZE -
		APPLICATION SPEC 114-130011	CAGE CODE A200779
		WEIGHT -	DRAWING NO C-2328461
		CUSTOMER DRAWING	RESTRICTED TO B4
		SCALE 4:1	SHEET 4 OF 4