

- 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.

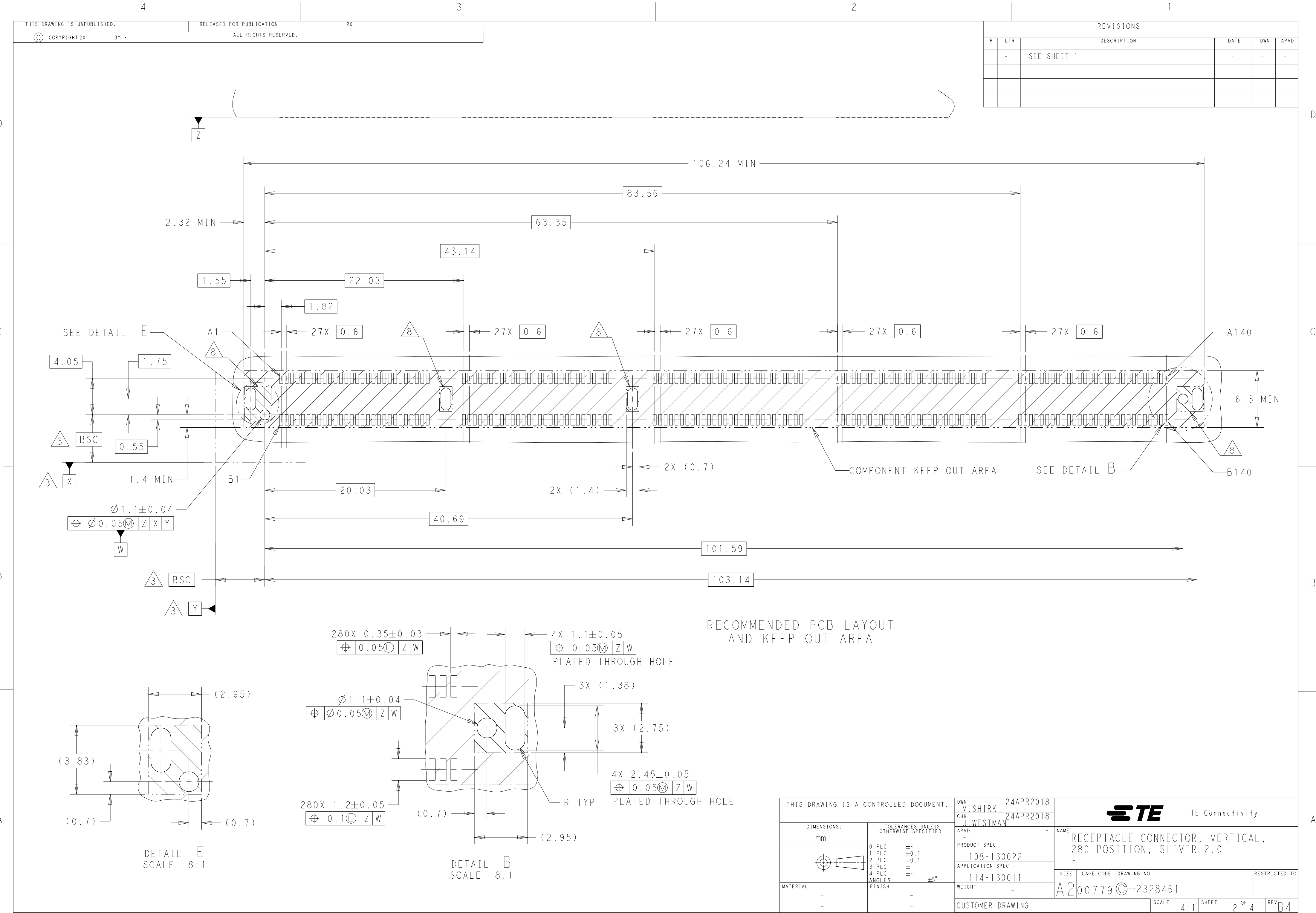
10. MATES WITH BOARDS DESIGNED TO THE SFF-TA-1002 SPECIFICATION.

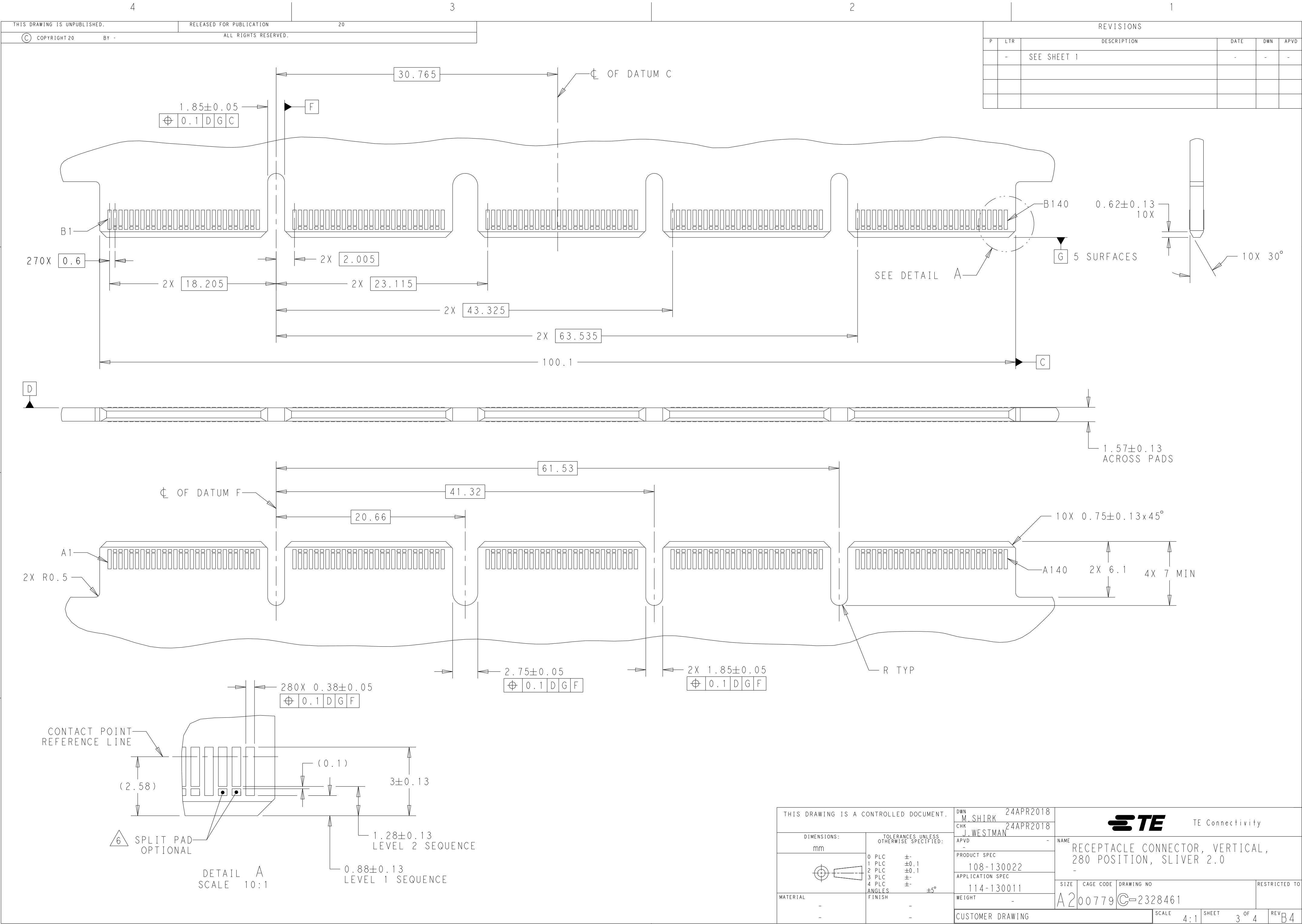
1. TO PHI PLANT.

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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN M. SHIRK 24APR2018	TE Connectivity	
DIMENSIONS: mm		CHK J. WESTMAN 24APR2018	NAME RECEPTACLE CONNECTOR, VERTICAL, 280 POSITION, SLIVER 2.0	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	SIZE CAGE CODE DRAWING NO RESTRICTED TO	
0 PLC ±0.1		PRODUCT SPEC 108-130022	A200779C-2328461	
1 PLC ±0.1		APPLICATION SPEC 114-130011	SCALE 4:1 SHEET 1 OF 4 REV B4	
2 PLC ±0.1		WEIGHT -		
3 PLC ±0.1		CUSTOMER DRAWING		
4 PLC ±0.1				
ANGLES ±5°				
FINISH				





4

3

2

1

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RELEASED FOR PUBLICATION

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	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
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13	GROUND	GROUND
14	SIGNAL	SIGNAL
15	SIGNAL	SIGNAL
16	GROUND	GROUND
17	SIGNAL	SIGNAL
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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
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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
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134	GROUND	GROUND
135	SIGNAL	SIGNAL
136	SIGNAL	SIGNAL
137	GROUND	GROUND
138	SIGNAL	SIGNAL
139	SIGNAL	SIGNAL
140	GROUND	GROUND

1. MATERIAL:

TRAY: HIPS, COLOR: BLACK.

BOX: CORRUGATED FIBERBOARD.

TRANSPARENT BAG: PE.

2. DIMENSIONS:

TRAY: L= 330, W= 136, H= 18.

BOX: L= 13.75 IN, W= 11.75 IN, H= 5.75 IN.

3. QUANTITY:

24 PIECES PER TRAY.

288 PIECES PER BOX.

A1

DETAIL J

SCALE 4:1

CHAMFER

HARD TRAY

SEE DETAIL J

HARD TRAY PACKAGING

SHOWN AS 2328461-1, 2328461-2 OR 1-2328461-1

SCALE 1:2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN M. SHIRK 24APR2018

CHK J. WESTMAN 24APR2018

APVD -

PRODUCT SPEC 108-130022

APPLICATION SPEC 114-130011

WEIGHT -

CUSTOMER DRAWING

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

SIZE A2

CAGE CODE 00779

DRAWING NO C-2328461

RESTRICTED TO

SCALE 4:1

SHEET 4 OF 4

REV B4

CONNECTOR CONTACT IDENTIFICATION

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1471-9 (3/13)