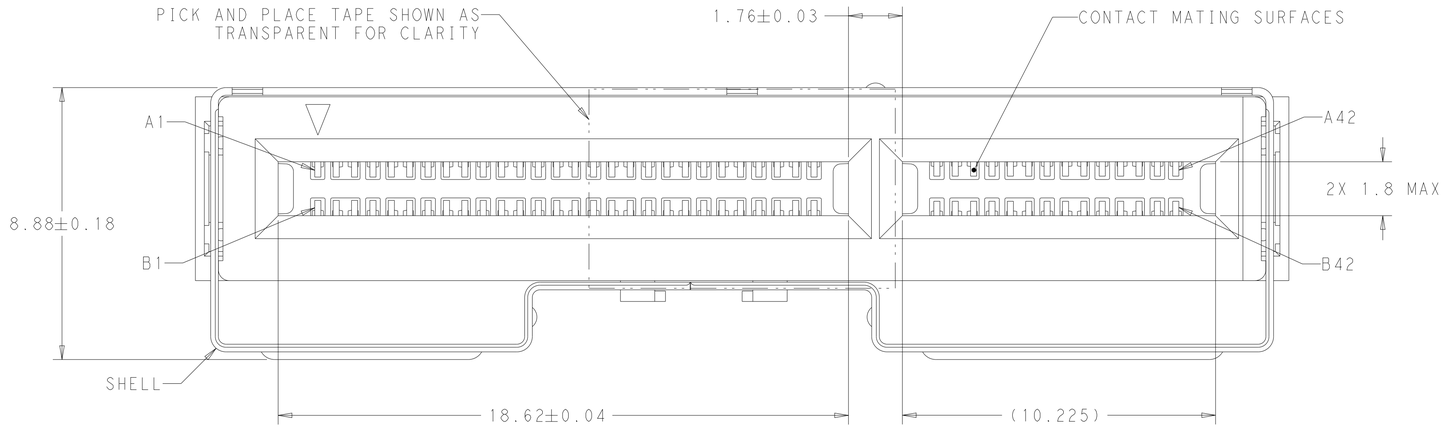
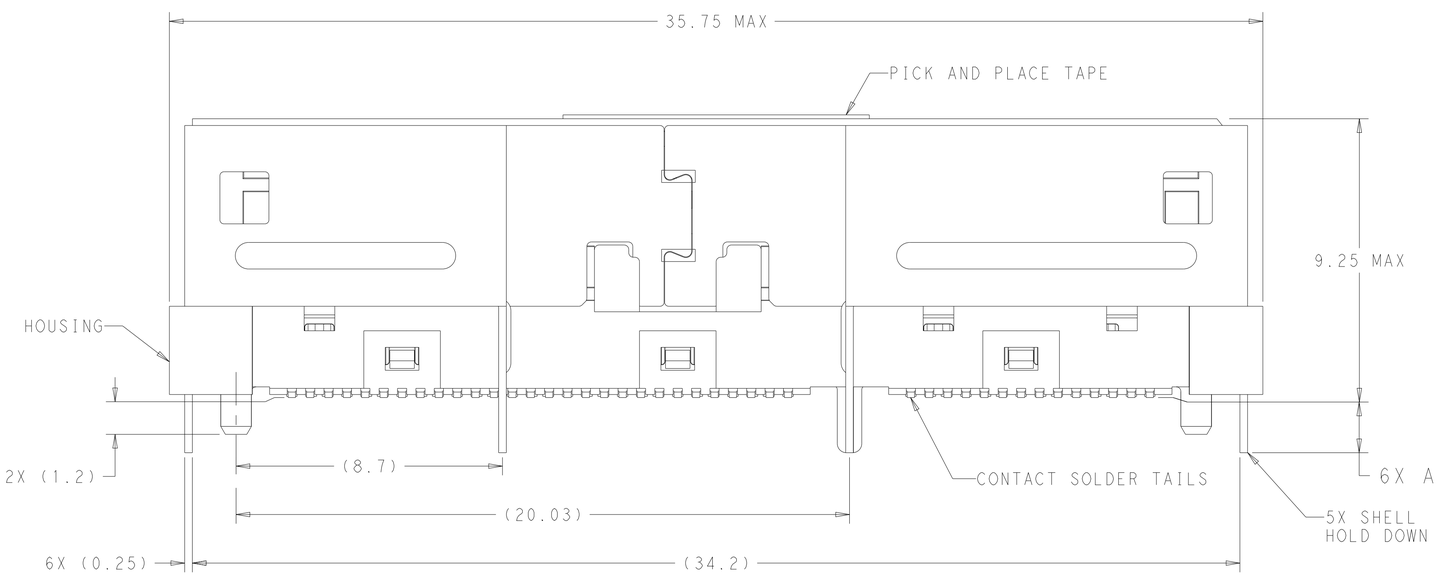
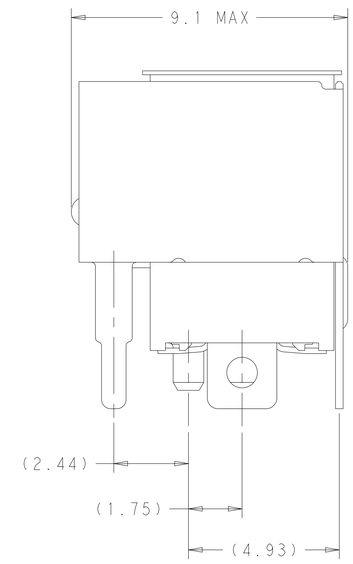
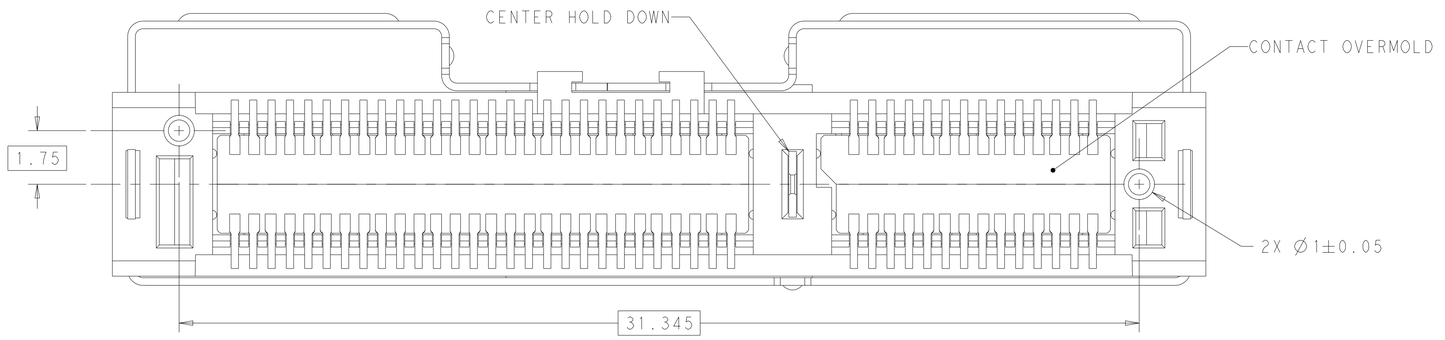
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	C	ADDED 2-2331813-1/2	30NOV2022	RW	DZ
	C3	REVISED PER ECN-23-223892	27JUL2023	JG	DZ
	C4	REVISED AS PER ECN-24-258640	29MAR2024	TR	JM
	C5	REVISED AS PER ECR-24-230479	20DEC2024	AN	JM



1. HOUSING AND CONTACT OVERMOLDS - LCP, UL94V-0, BLACK.
   SHELL, CONTACTS, 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.
   SHELL - TIN PLATE.
3. DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.
4. MINIMUM HOST PCB THICKNESS: 1.5.
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.
6. 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.
7. RECOMMENDED COMPONENT AND TRACE KEEP OUT AREA. EACH EDGE 0.15 MIN FROM EDGE OF HOLE.
8. TAPE AND REEL PACKAGED FOR PICK AND PLACE SMT PROCESSING, SEE FIGURE 1. POCKET TAPE WIDTH = 56.
9. TO PHI PLANT





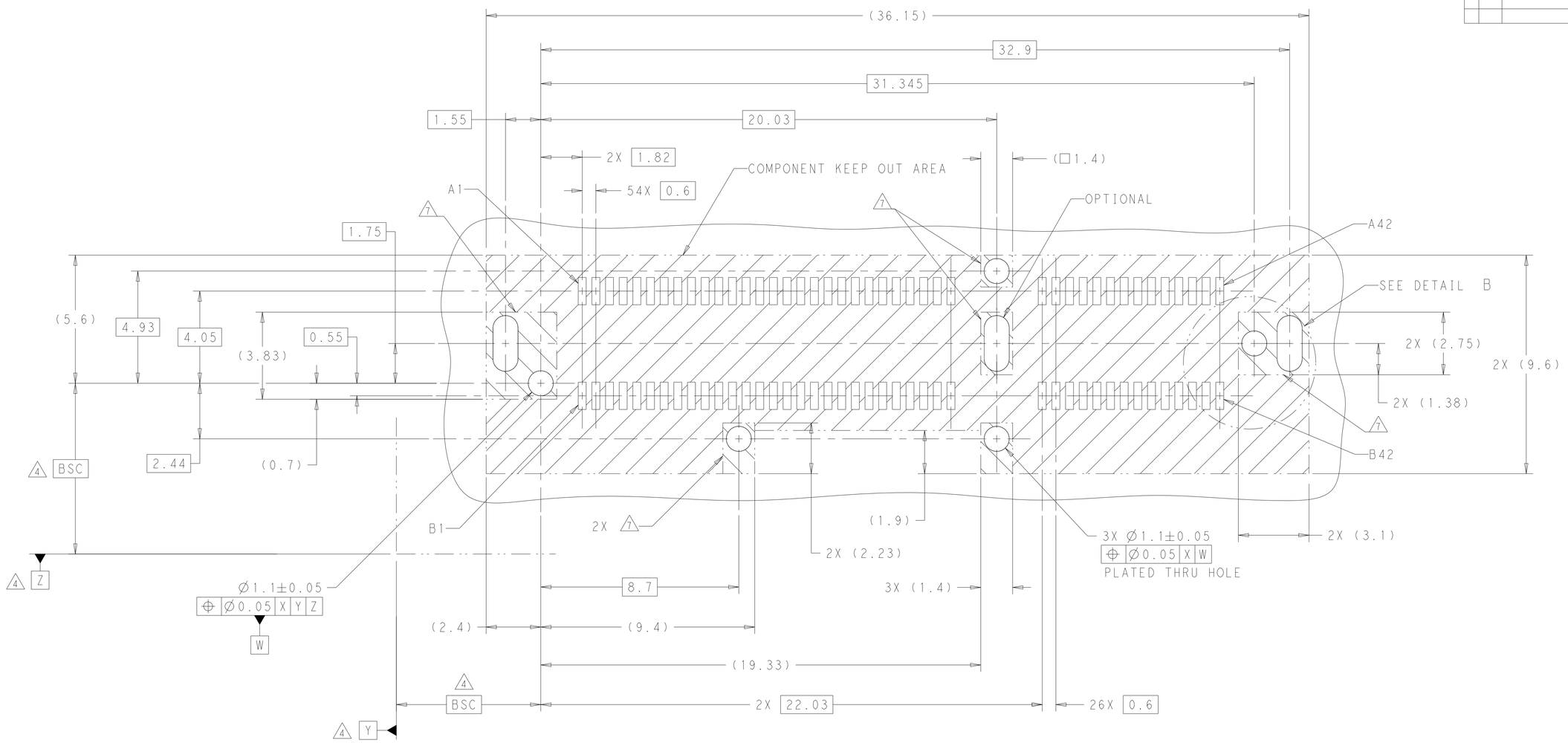


SEE SHEET 4
FOR PART TABLE

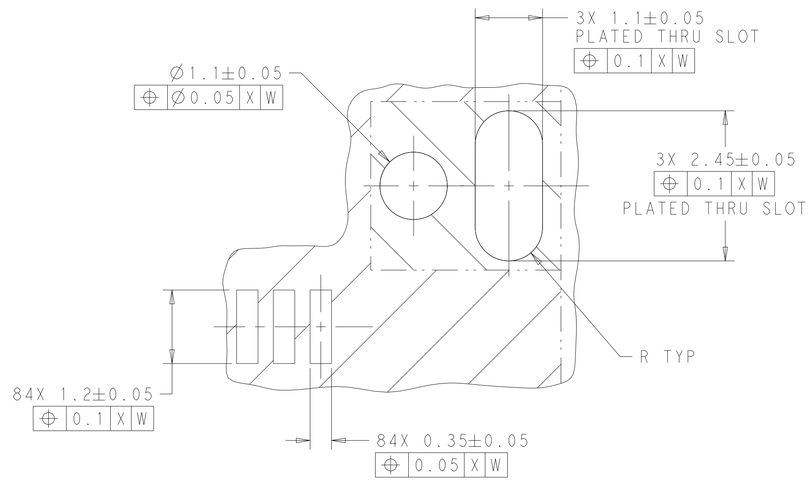
THIS DRAWING IS A CONTROLLED DOCUMENT.	DWN B. MATTHEWS 12MAR2018	TE Connectivity	
DIMENSIONS: mm	CHK D. HARMON 12MAR2018		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ±-	APVD D. HARMON 12MAR2018	NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0 -	
	PRODUCT SPEC 108-130021		
	APPLICATION SPEC 114-130015	SIZE A1 / CAGE CODE - / DRAWING NO C-2331813	RESTRICTED TO -
MATERIAL 1	WEIGHT -		
FINISH 2	CUSTOMER DRAWING	SCALE 1:1 / SHEET 1 OF 4	REV C5

REVISIONS

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



RECOMMENDED PC BOARD LAYOUT



DETAIL B
SCALE 20:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL

FINISH

DWN B. MATTHEWS 12MAR2018
CHK D. HARMON 12MAR2018
APVD D. HARMON 12MAR2018
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130015
WEIGHT -

TE Connectivity

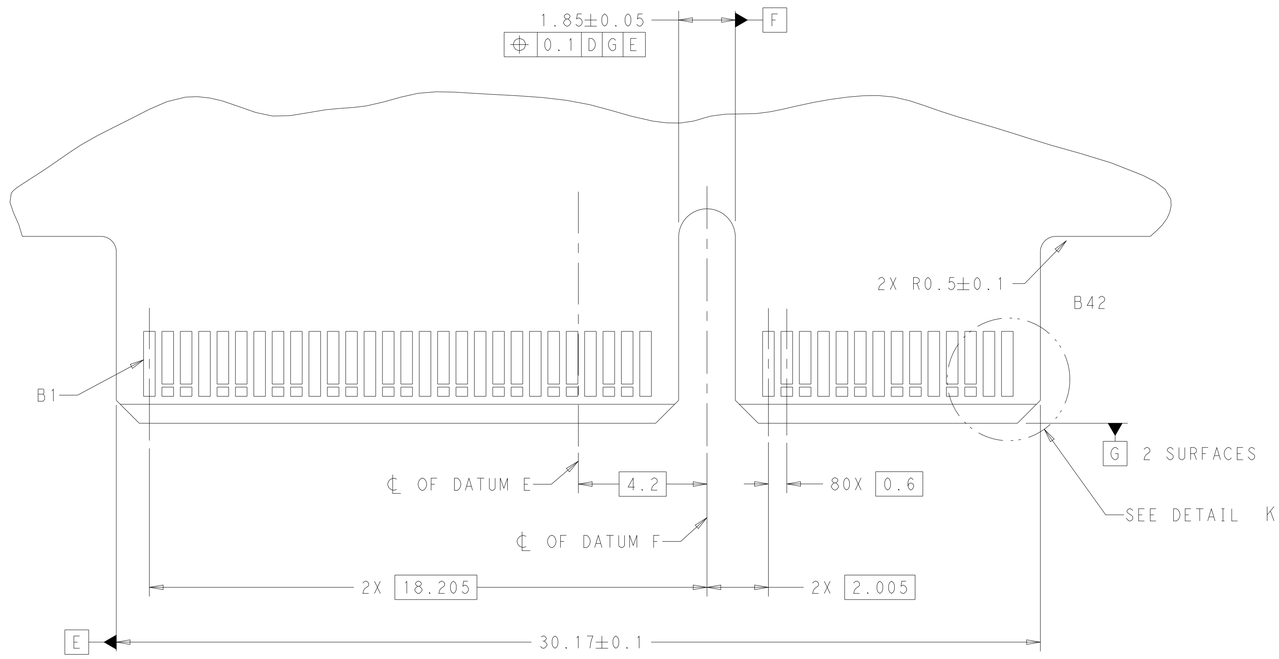
NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0
-

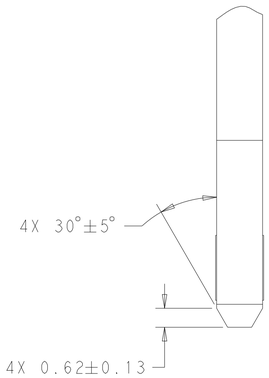
SIZE A1 | CAGE CODE - | DRAWING NO C-2331813 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 1:1 | SHEET 2 OF 4 | REV C5

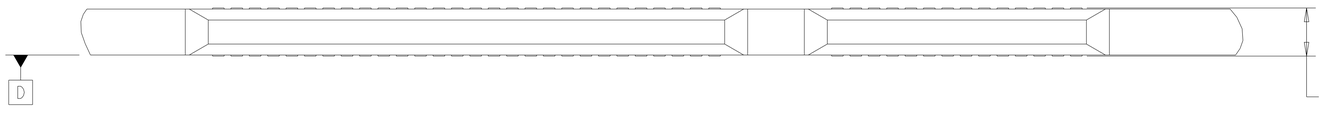
REVISIONS

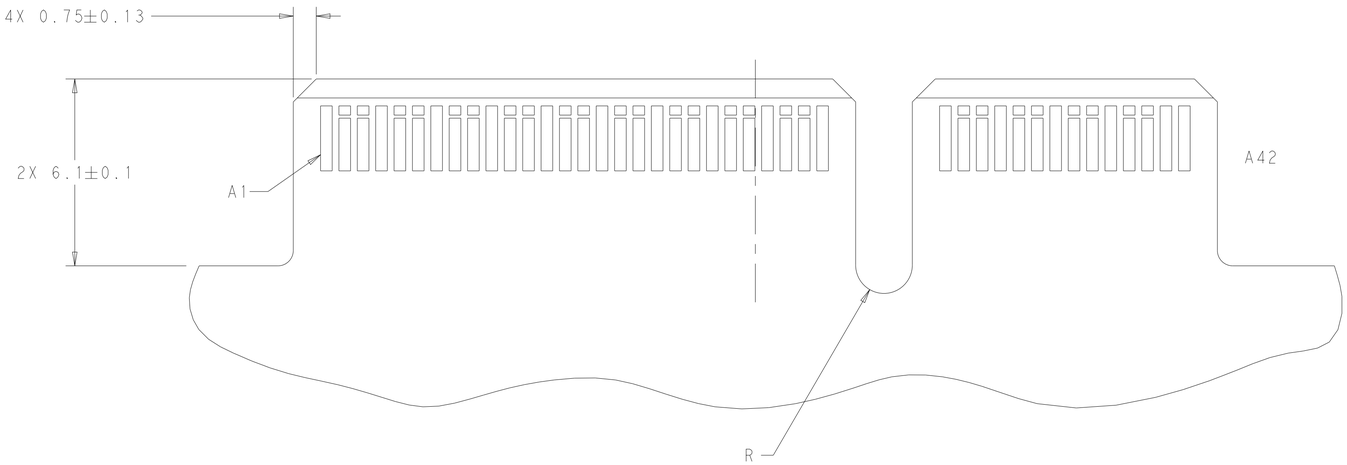
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

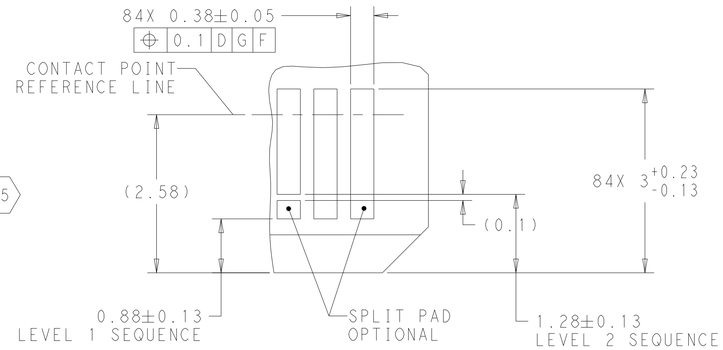




RECOMMENDED PCB OUTLINE DIMENSIONS.
TOLERANCE VALUES ARE CRITICAL. PLEASE BE SURE TO DESIGNATE
TOLERANCES TO PCB SUPPLIER TO ENSURE OPTIMIZED FUNCTIONALITY.







DETAIL K 5
SCALE 20:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL
FINISH

DWN B. MATTHEWS 12MAR2018
CHK D. HARMON 12MAR2018
APVD D. HARMON 12MAR2018
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130015
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	-	C-2331813	-

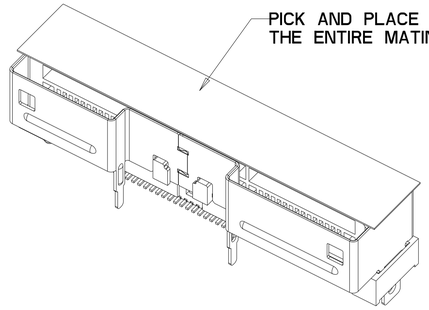
CUSTOMER DRAWING | SCALE 10:1 | SHEET 3 OF 4 | REV C5

4805 (3/13)

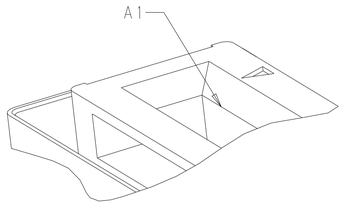
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

TABLE 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
36	SIGNAL	SIGNAL
37	SIGNAL	SIGNAL
38	GROUND	GROUND
39	SIGNAL	SIGNAL
40	SIGNAL	SIGNAL
41	GROUND	GROUND
42	GROUND	GROUND



2-2331813-3
AS SHOWN
SCALE 4:1



DETAIL C
SCALE 10:1

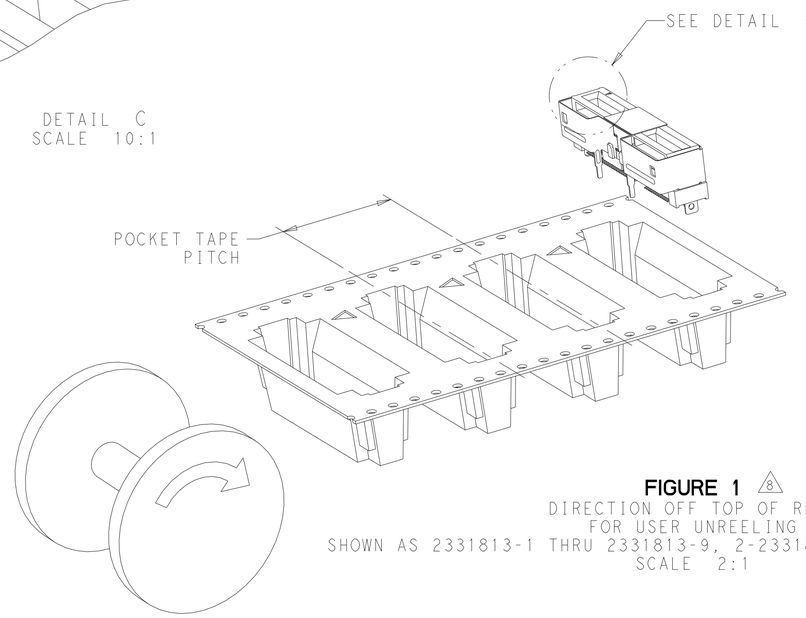


FIGURE 1 8
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2331813-1 THRU 2331813-9, 2-2331813-1 THRU 2-2331813-3
SCALE 2:1

9

A	CENTER HOLD DOWN	PLATING	POCKET TAPE PITCH	REEL QUANTITY	PICK AND PLACE TAPE AND LENGTH	MATING CYCLES	PART NUMBER
$1.8^{+0.2}_{-0.1}$	YES	0.76µm Au	20	300	YES, 10MM	200	2-2331813-4
$1.8^{+0.2}_{-0.1}$	YES	0.76µm Au	20	300	YES, 35.7MM	200	2-2331813-3
$3.0^{+0.2}_{-0.1}$	YES	0.76µm Au	20	300	YES, 10MM	200	2-2331813-2
$3.3^{+0.2}_{-0.1}$	YES	0.76µm Au	20	300	YES, 10MM	200	2-2331813-1
1.2±0.2	NO	0.76µm Au	24	250	NO	200	1-2331813-8
		0.38µm Au				100	1-2331813-7
		FLASH Au/PdNi				50	1-2331813-7
$1.8^{+0.2}_{-0.1}$	NO	0.76µm Au	24	250	NO	200	1-2331813-6
		0.38µm Au				100	1-2331813-5
		FLASH Au/PdNi				50	1-2331813-4
$1.8^{+0.2}_{-0.1}$	YES	0.76µm Au	24	250	NO	200	1-2331813-3
		0.38µm Au				100	1-2331813-2
		FLASH Au/PdNi				50	1-2331813-1
1.2±0.2	NO	0.76µm Au	20	300	YES, 10MM	200	2331813-9
		0.38µm Au				100	2331813-8
		FLASH Au/PdNi				50	2331813-7
$1.8^{+0.2}_{-0.1}$	NO	0.76µm Au	20	300	YES, 10MM	200	2331813-6
		0.38µm Au				100	2331813-5
		FLASH Au/PdNi				50	2331813-4
$1.8^{+0.2}_{-0.1}$	YES	0.76µm Au	20	300	YES, 10MM	200	2331813-3
		0.38µm Au				100	2331813-2
		FLASH Au/PdNi				50	2331813-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.5
2 PLC ±0.13
3 PLC ±0.013
4 PLC ±0.0001
ANGLES ±-

MATERIAL

FINISH

DWN B. MATTHEWS 12MAR2018
CHK D. HARMON 12MAR2018
APVD D. HARMON 12MAR2018
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130015
WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, VERTICAL, 84 POSITION, SLIVER 2.0
-

SIZE A1 | CAGE CODE - | DRAWING NO C-2331813 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 1:1 | SHEET 4 OF 4 | REV C5