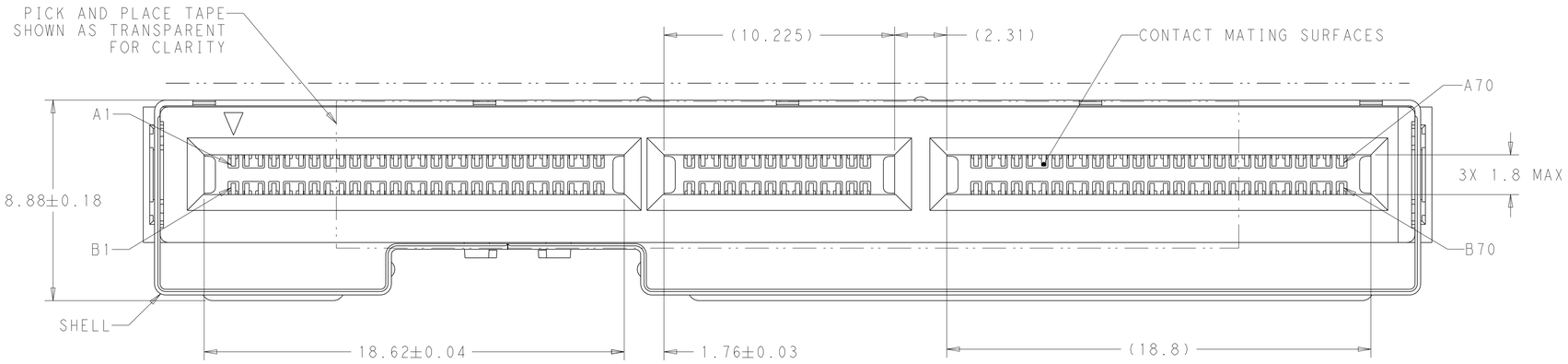
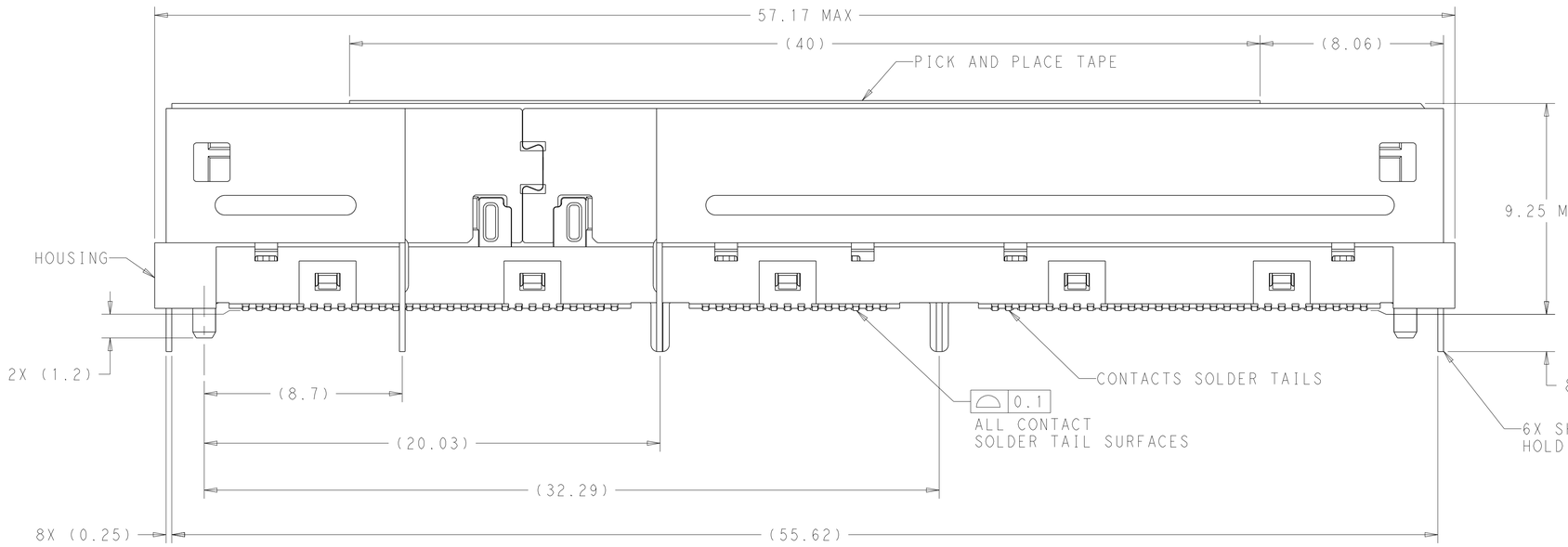
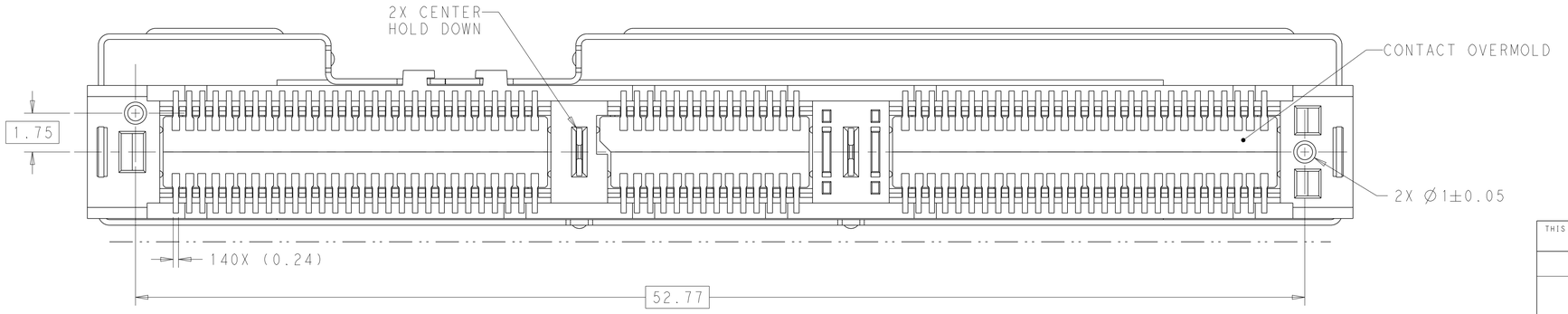
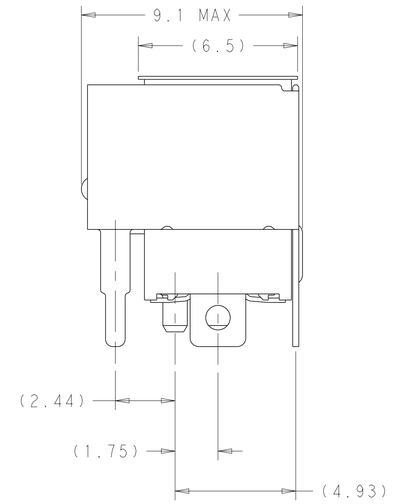
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-19-014475	01OCT2019	CJV	JW
	B	REVISED PER ECN-22-154960	19MAY2022	TX	DZ
	C	REVSIED PER ECN-23-210611	28APR2023	TX	DZ









1. HOUSING AND CONTACT OVERMOLDS - LCP, UL94V-0, BLACK.
   SHELL, 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.
   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 = 72.
9. SHELL:NICKEL PLATE

SEE SHEET 4
FOR PART TABLE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1

FINISH 2

DWN B. MATTHEWS 26MAR2018
CHK D. HARMON 26MAR2018
APVD D. HARMON 26MAR2018
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130015
WEIGHT -

TE Connectivity

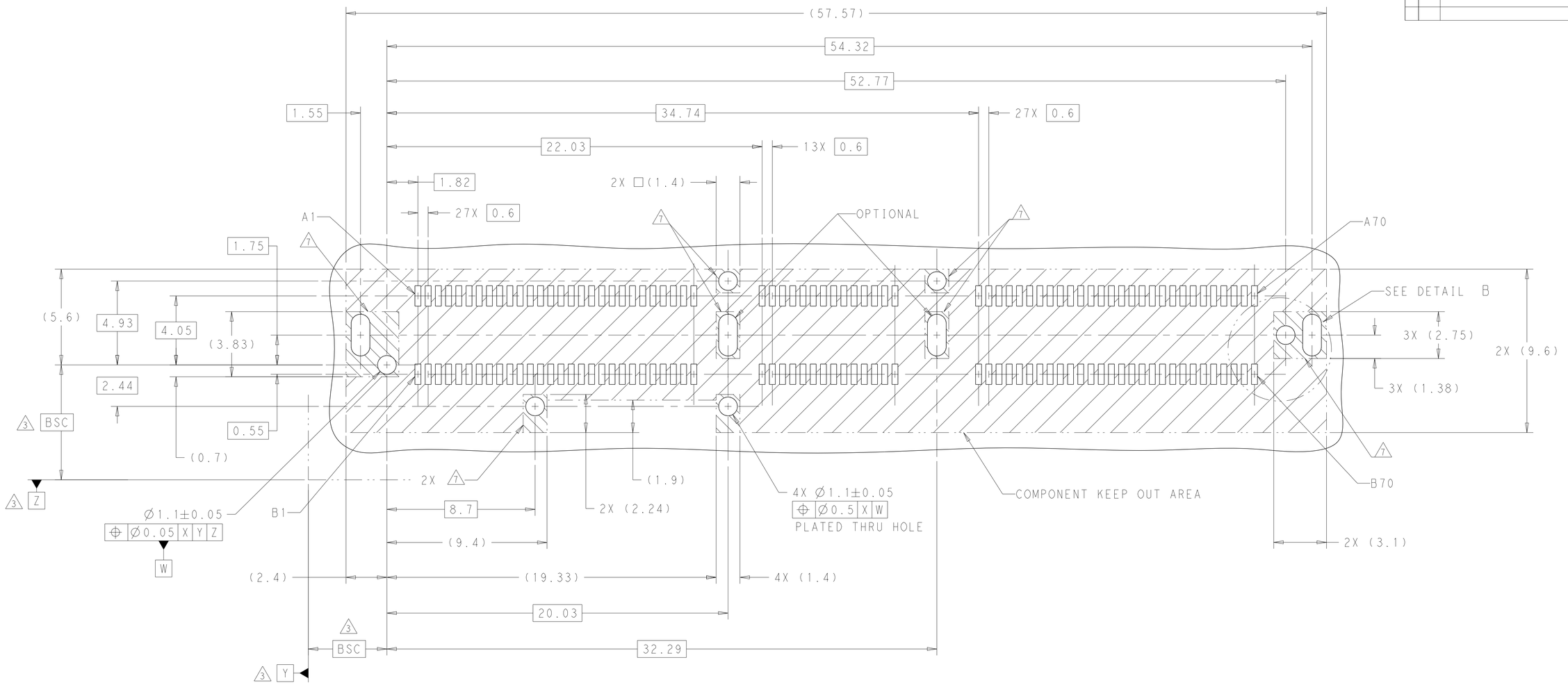
NAME RECEPTACLE ASSEMBLY, VERTICAL, 140 POSITION, SLIVER 2.0

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2332139	-

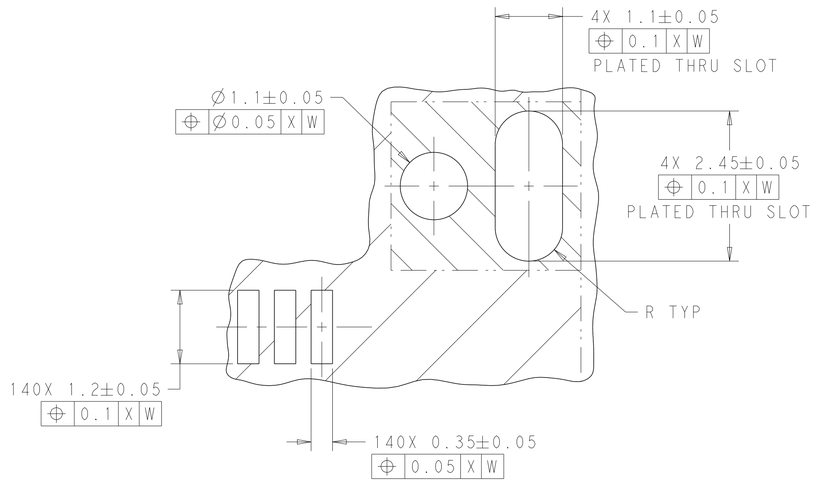
CUSTOMER DRAWING | SCALE 8:1 | SHEET 1 OF 4 | REV C

REVISIONS

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



RECOMMENDED PCB LAYOUT



DETAIL B
SCALE 20:1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL 1

FINISH 2

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CHK D. HARMON 26MAR2018
APVD D. HARMON 26MAR2018
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130015
WEIGHT -

TE Connectivity

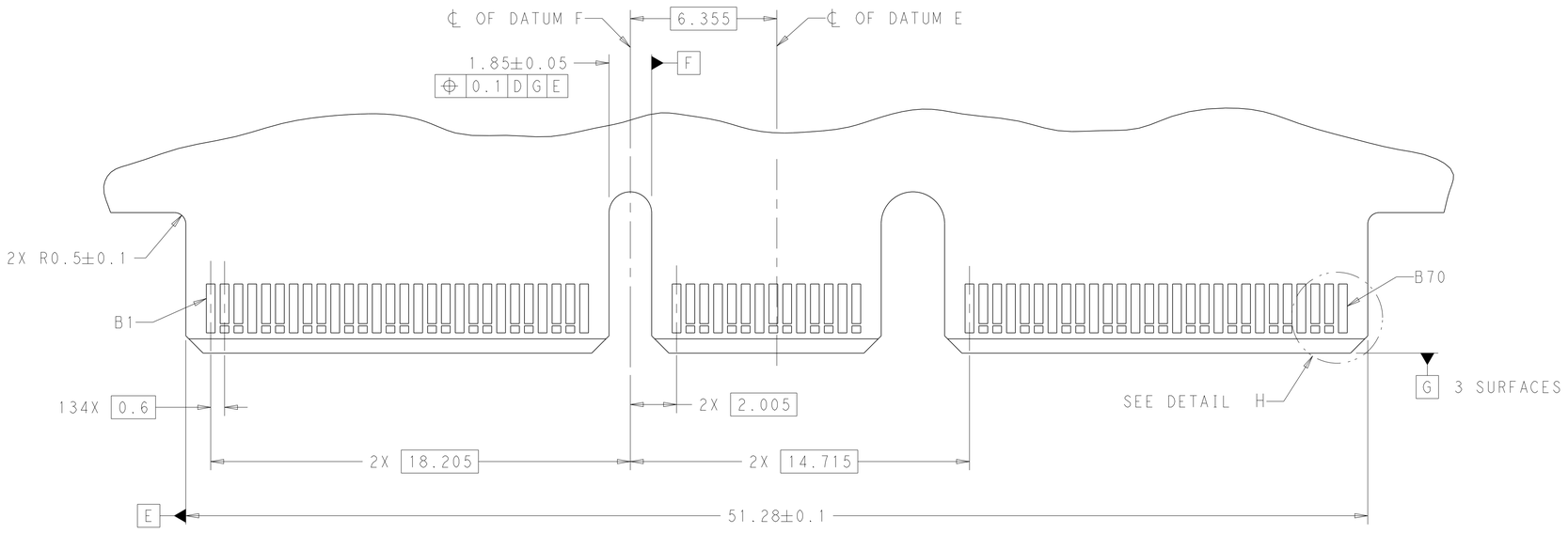
NAME RECEPTACLE ASSEMBLY, VERTICAL, 140 POSITION, SLIVER 2.0

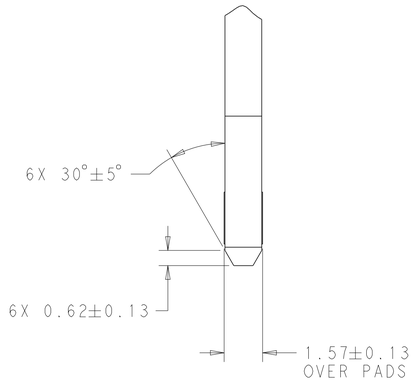
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-2332139	-

CUSTOMER DRAWING | SCALE 8:1 | SHEET 2 OF 4 | REV C

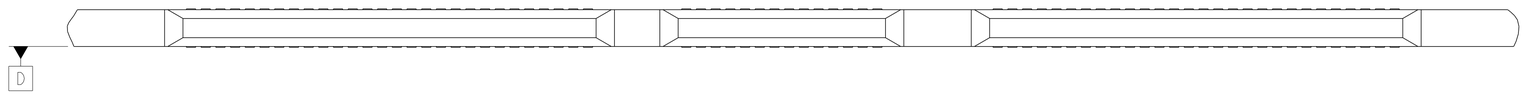
REVISIONS

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

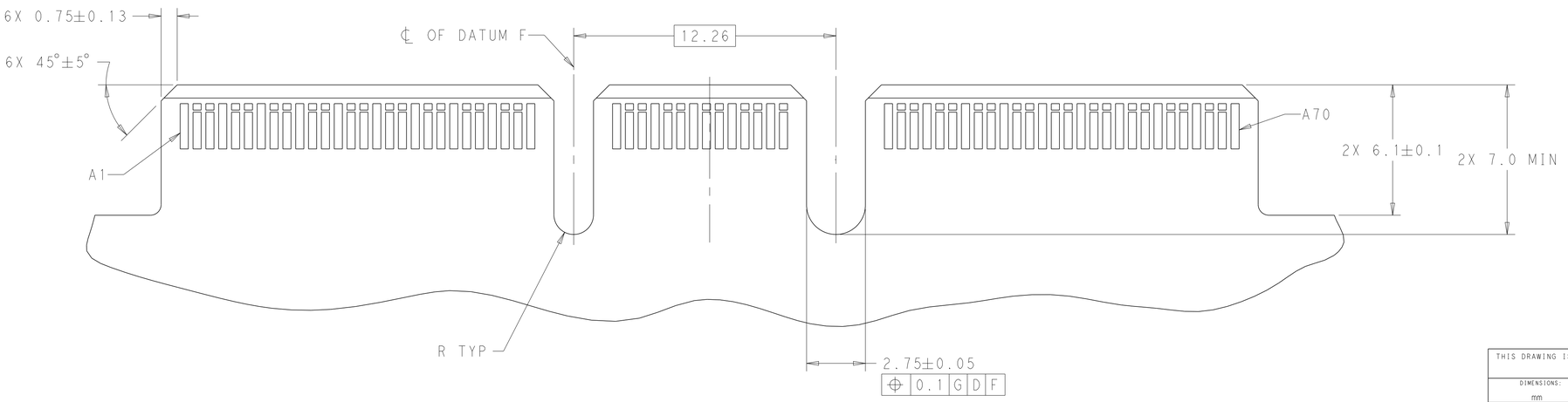




RECOMMENDED PCB OUTLINE DIMENSIONS.
TOLERANCE VALUES ARE CRITICAL. PLEASE BE SURE TO DESIGNATE
TOLERANCES TO PCB SUPPLIER TO ENSURE OPTIMIZED FUNCTIONALITY.



DETAIL H 5
SCALE 20:1



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.25
2 PLC ±0.20
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL

FINISH

DWN B. MATTHEWS 26MAR2018
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WEIGHT -

TE Connectivity

NAME RECEPTACLE ASSEMBLY, VERTICAL, 140 POSITION, SLIVER 2.0

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2332139 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 8:1 | SHEET 3 OF 4 | REV C

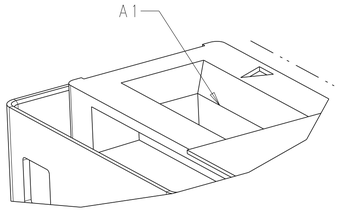
REVISIONS

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

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



DETAIL C
SCALE 10:1

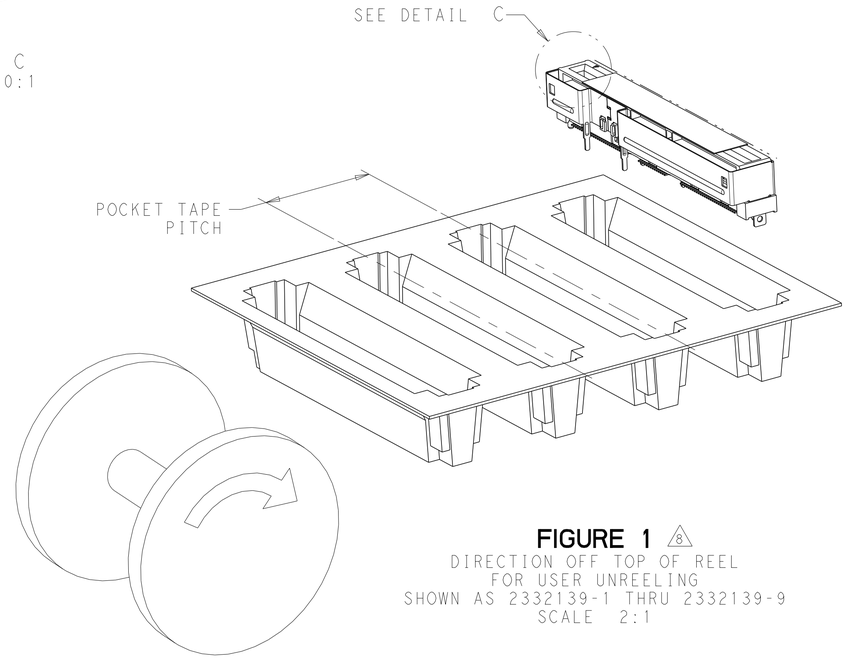


FIGURE 1 8
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2332139-1 THRU 2332139-9
SCALE 2:1

A	CENTER HOLD DOWN	PLATING	POCKET TAPE PITCH	REEL QUANTITY	PICK AND PLACE TAPE	MATING CYCLES	PART NUMBER
1.8±0.1	YES	0.38µm Au	24	250	YES	100	5-2332139-2
2.5±0.1	YES	0.76µm Au	20	300	YES	200	5-2332139-1
1.8±0.1	YES	0.38µm Au	24	250	NO	100	5-2332139-0
1.2±0.1	NO	0.76µm Au	24	250	NO	200	1-2332139-9
		0.38µm Au				100	1-2332139-8
		FLASH Au/PdNi				50	1-2332139-7
1.8±0.1	NO	0.76µm Au	24	250	NO	200	1-2332139-6
		0.38µm Au				100	1-2332139-5
		FLASH Au/PdNi				50	1-2332139-4
1.8±0.1	YES	0.76µm Au	24	250	NO	200	1-2332139-3
		0.38µm Au				100	1-2332139-2
		FLASH Au/PdNi				50	1-2332139-1
1.2±0.1	NO	0.76µm Au	20	300	YES	200	2332139-9
		0.38µm Au				100	2332139-8
		FLASH Au/PdNi				50	2332139-7
1.8±0.1	NO	0.76µm Au	20	300	YES	200	2332139-6
		0.38µm Au				100	2332139-5
		FLASH Au/PdNi				50	2332139-4
1.8±0.1	YES	0.76µm Au	20	300	YES	200	2332139-3
		0.38µm Au				100	2332139-2
		FLASH Au/PdNi				50	2332139-1

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MATERIAL
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DWN B. MATTHEWS 26MAR2018
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CUSTOMER DRAWING | SCALE 8:1 | SHEET 4 OF 4 | REV C