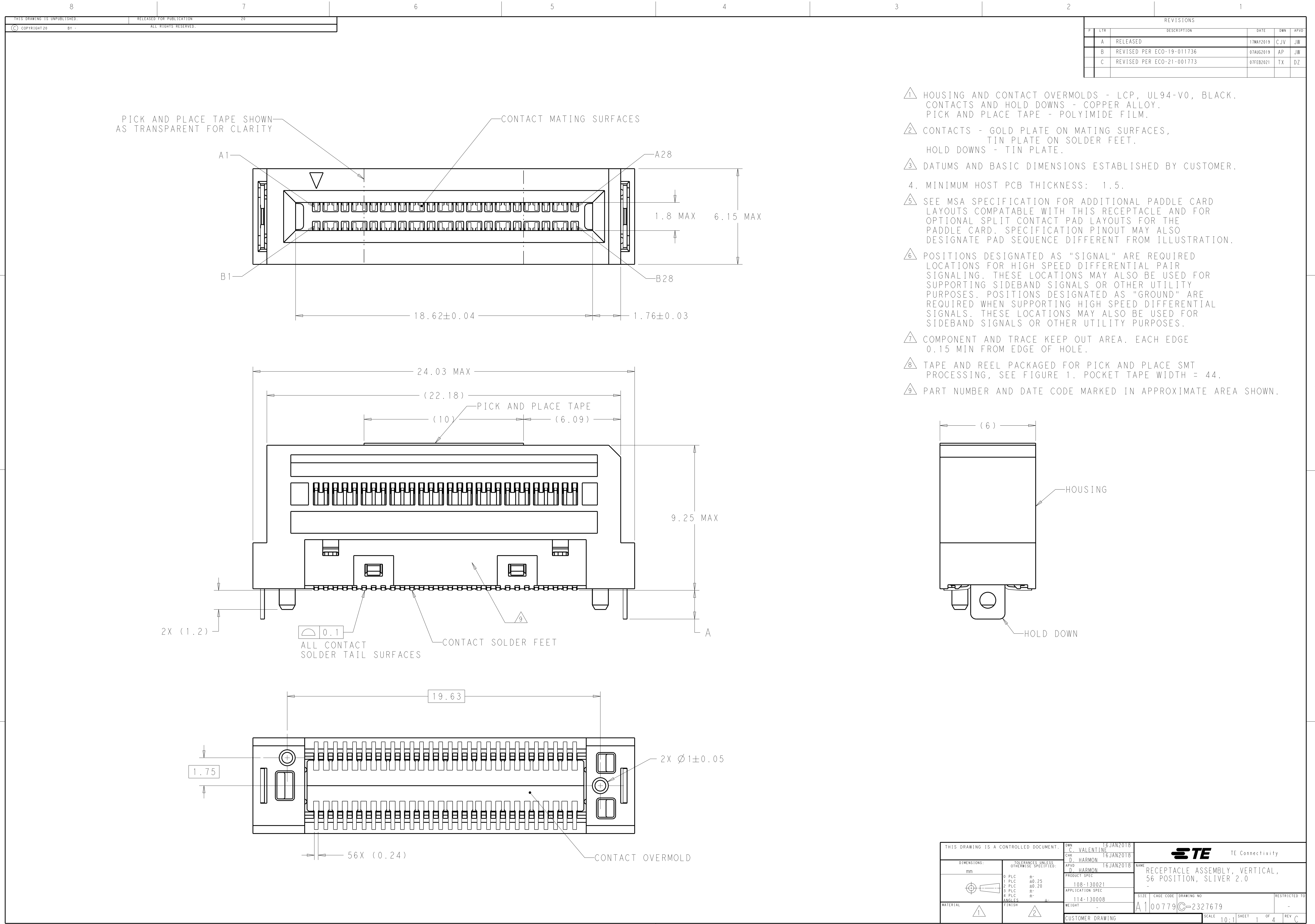




REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A		RELEASED	11MAY2019	CJV	JW
B		REVISED PER ECO-19-011736	07AUG2019	AP	JW
C		REVISED PER ECO-21-001773	07FEB2021	TX	DZ

△ HOUSING AND CONTACT OVERMOLDS - LCP, UL94-V0, BLACK.
CONTACTS AND HOLD DOWNS - COPPER ALLOY.
PICK AND PLACE TAPE - POLYIMIDE FILM.

△ CONTACTS - GOLD PLATE ON MATING SURFACES,
TIN PLATE ON SOLDER FEET.
HOLD DOWNS - TIN PLATE.

△ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY CUSTOMER.

4. MINIMUM HOST PCB THICKNESS: 1.5.

△ 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.

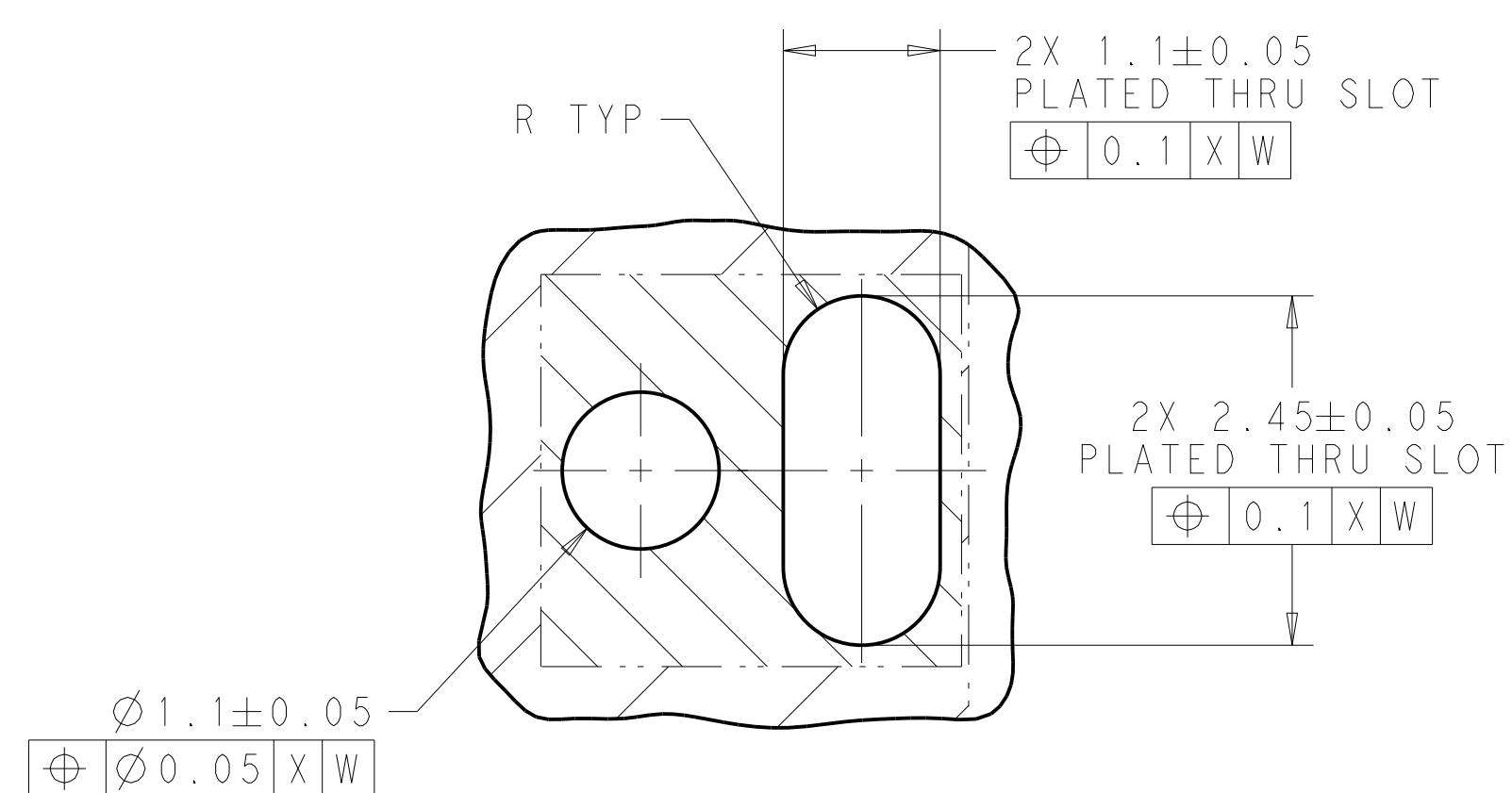
△ POSITIONS DESIGNATED AS "SIGNAL" ARE REQUIRED LOCATIONS FOR HIGH SPEED DIFFERENTIAL PAIR SIGNALING. THESE LOCATIONS MAY ALSO BE USED FOR SUPPORTING SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES. POSITIONS DESIGNATED AS "GROUND" ARE REQUIRED WHEN SUPPORTING HIGH SPEED DIFFERENTIAL SIGNALS. THESE LOCATIONS MAY ALSO BE USED FOR SIDEBAND SIGNALS OR OTHER UTILITY PURPOSES.

△ COMPONENT AND TRACE KEEP OUT AREA. EACH EDGE 0.15 MIN FROM EDGE OF HOLE.

△ TAPE AND REEL PACKAGED FOR PICK AND PLACE SMT PROCESSING, SEE FIGURE 1. POCKET TAPE WIDTH = 44.

△ PART NUMBER AND DATE CODE MARKED IN APPROXIMATE AREA SHOWN.

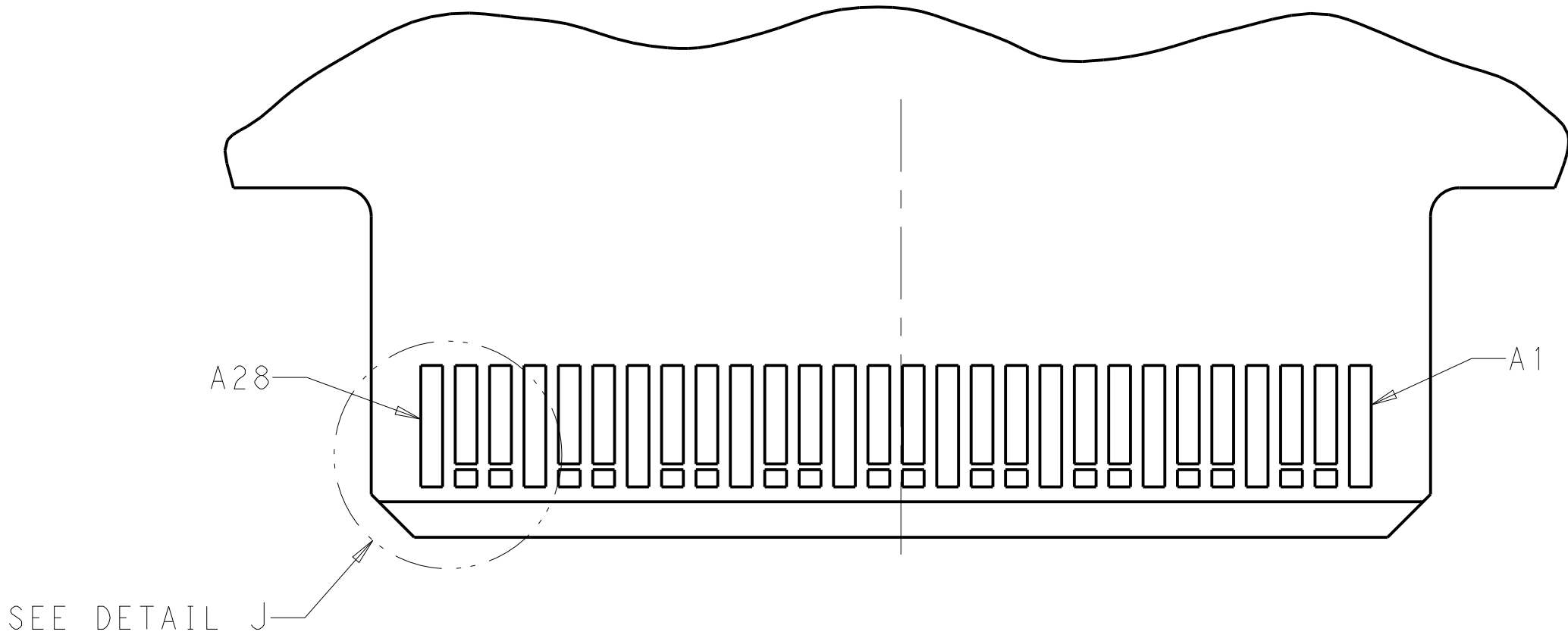
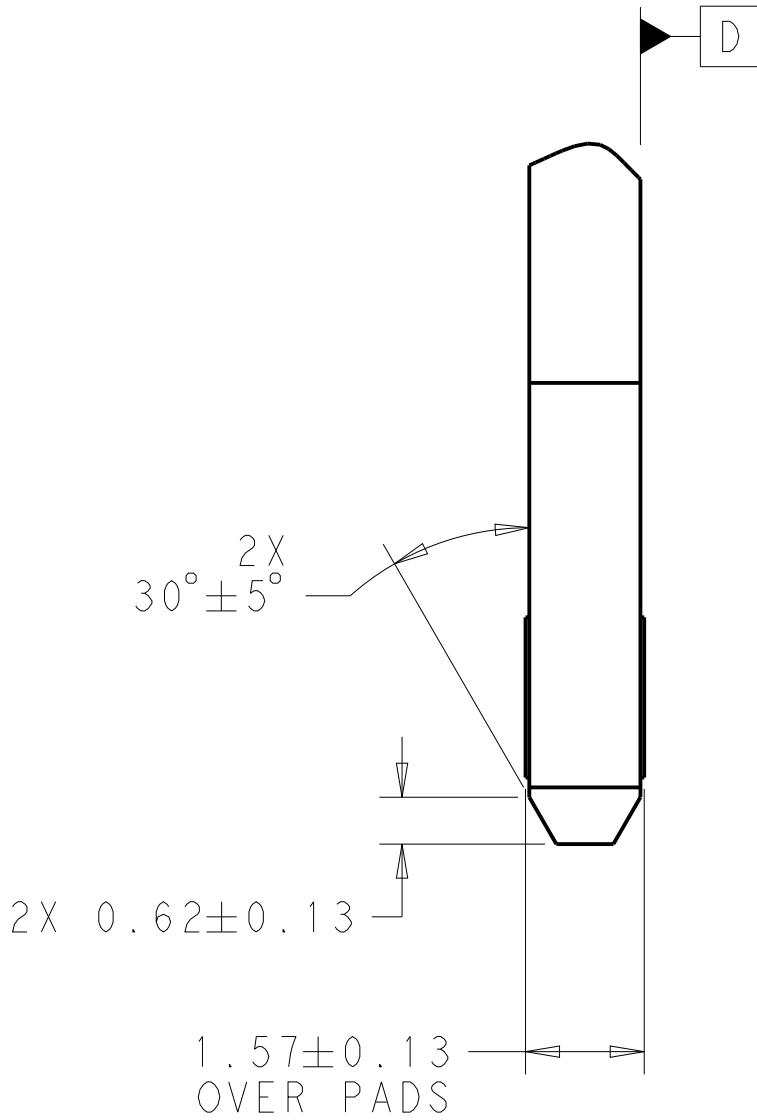
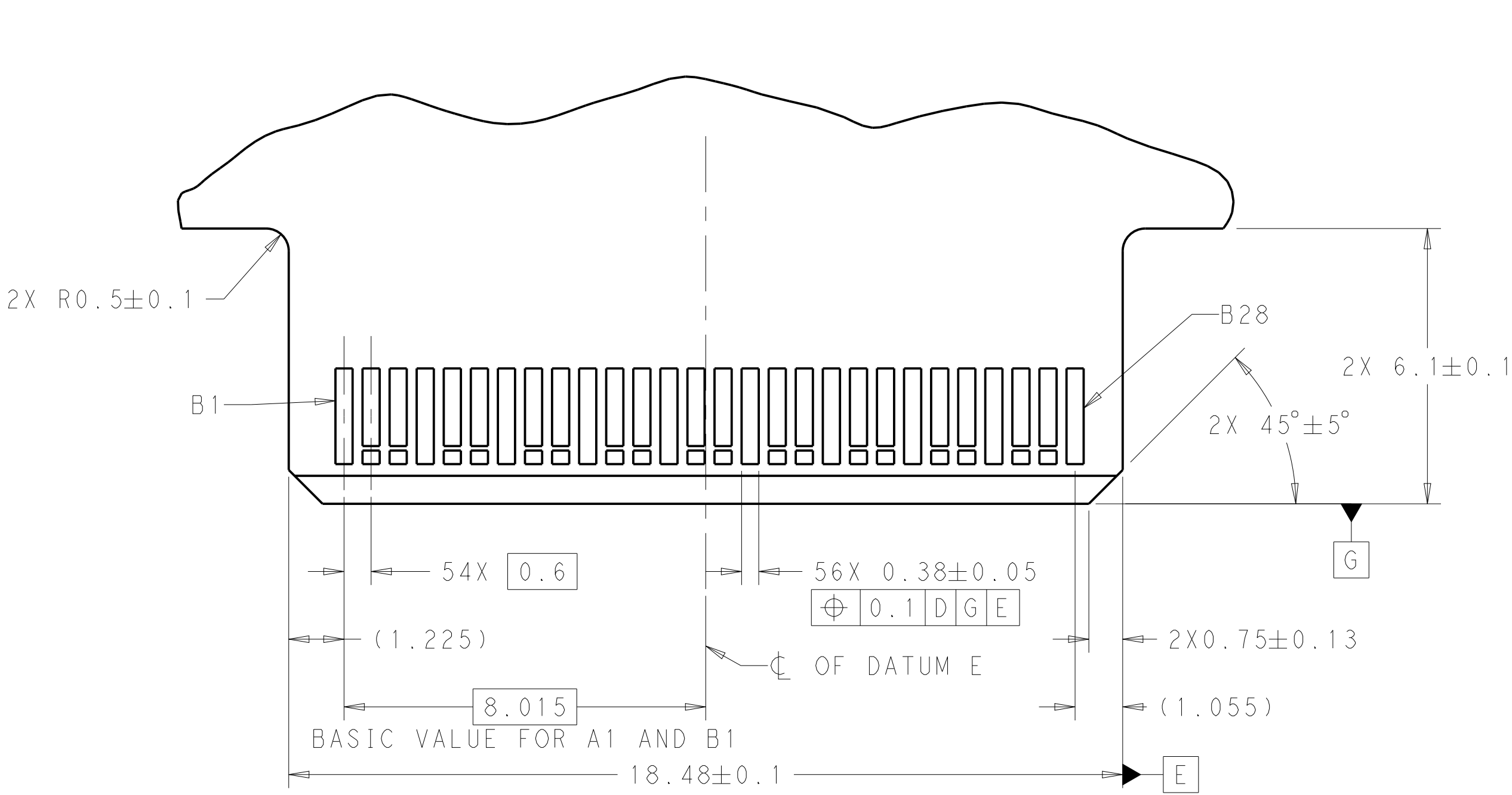
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK D. HARMON APVD D. HARMON	16JAN2018 16JAN2018 16JAN2018	TE TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±.25 1 PLC ±0.25 2 PLC ±0.20 3 PLC ±. 4 PLC ±. ANGLES ±. FINISH		PRODUCT SPEC 108-130021 APPLICATION SPEC 114-130008	
MATERIAL		WEIGHT		SIZE CAGE CODE DRAWING NO A100779C=2327679	
CUSTOMER DRAWING		SCALE 10:1		SHEET 1 OF 4	
				REV C	



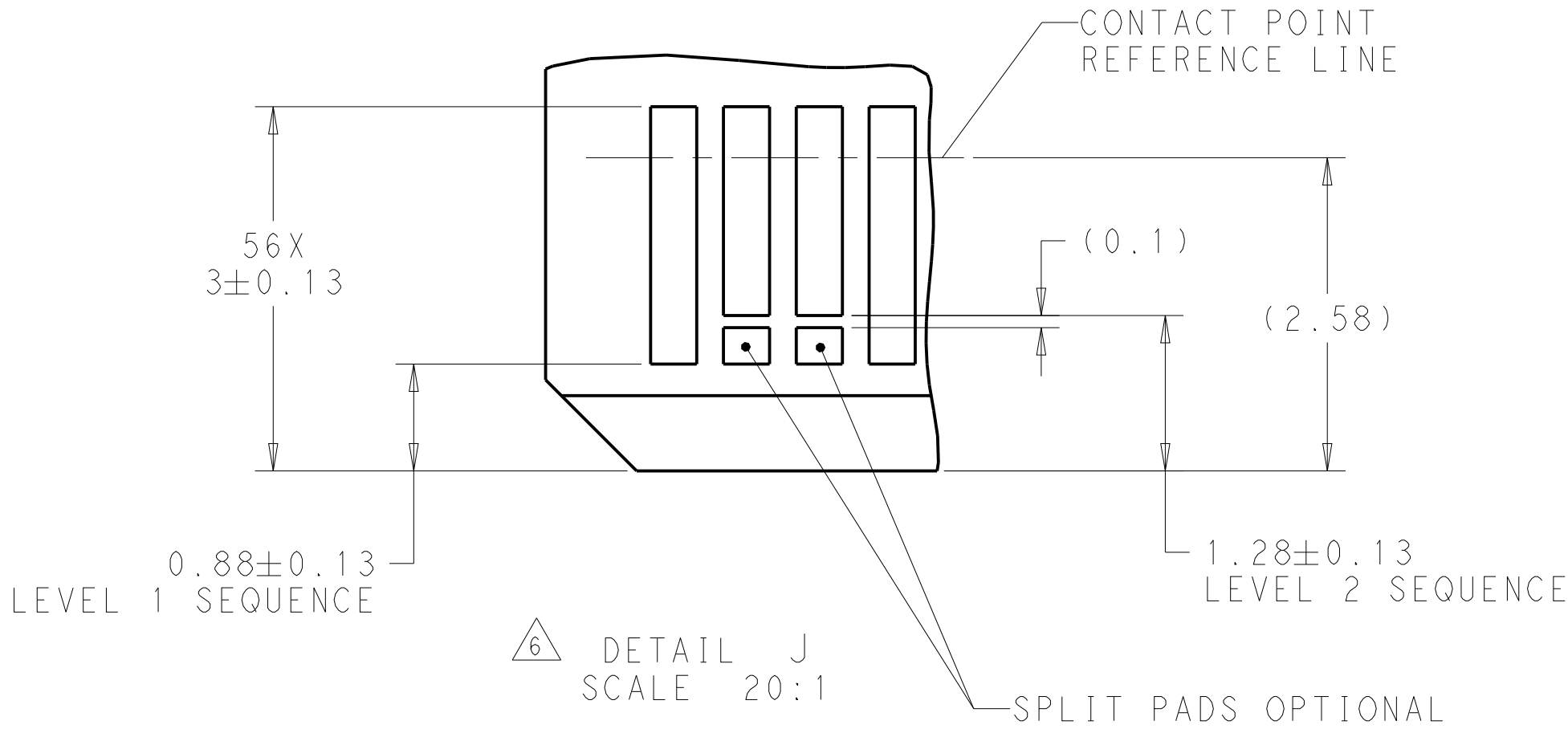
RECOMMENDED PCB LAYOUT
AND KEEP OUT AREA

4805 (3/13)

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.



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C. VALENTINE CHK D. HARMON APVD D. HARMON	16JAN2018 16JAN2018 16JAN2018	TE Connectivity	
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
mm		0 PLC ±0.25 1 PLC ±0.20 2 PLC ±0.20 3 PLC ±0.20 4 PLC ±0.20 ANGLES ±0.25		RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0	
MATERIAL		FINISH		SIZE	
				CAGE CODE	
				DRAWING NO	
				RESTRICTED TO	
				A100779	
				SCALE	
				10:1	
				SHEET	
				3 OF 4	
				REV	
				C	

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

TABLE 1: CONNECTOR CONTACT IDENTIFICATION 56

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

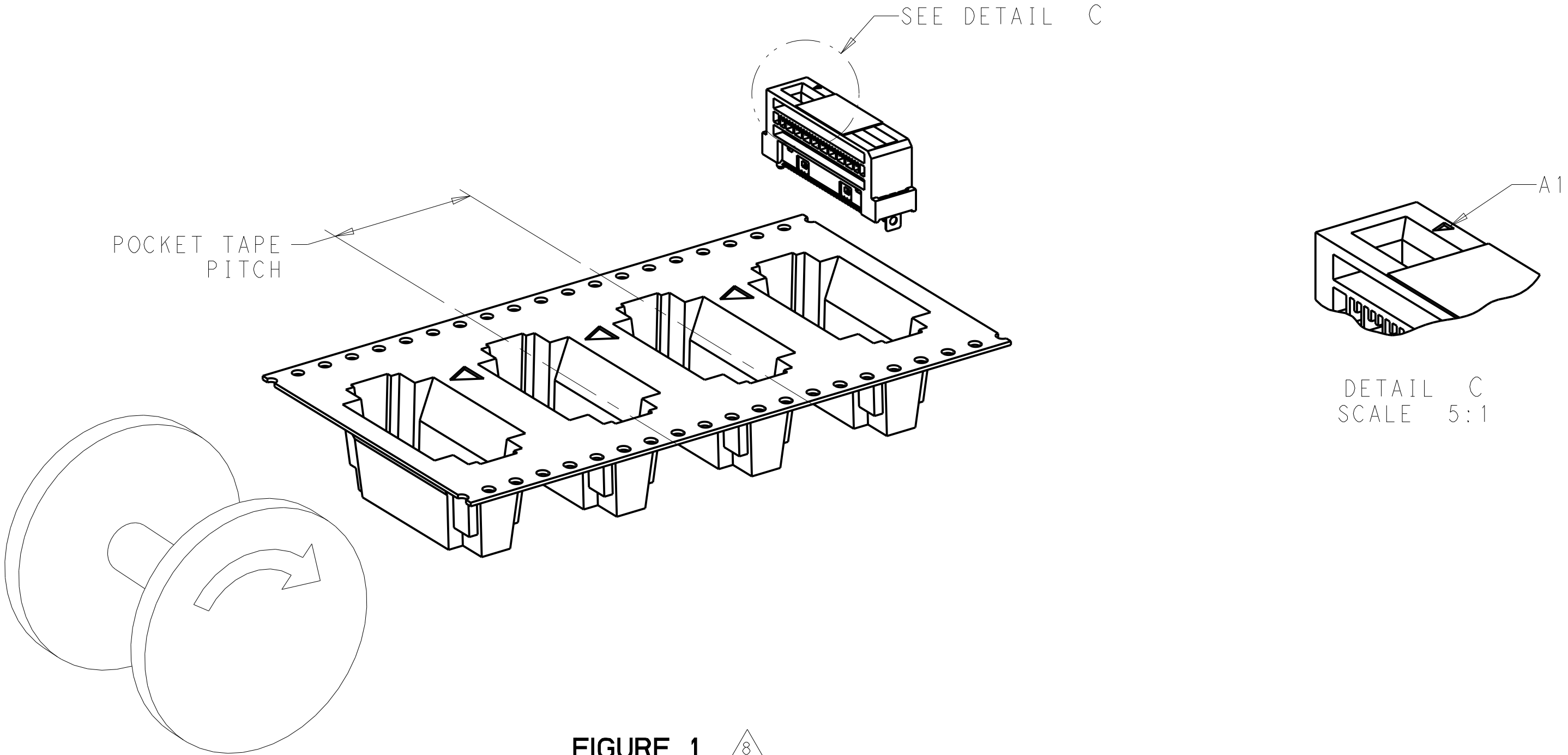


FIGURE 1 8
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2327679-1 THRU 2327679-9
AND 2-2327679-0
SCALE 2:1

1.8±0.1	0.76µm Au	24	250	YES	200	3-2327679-0
3.7±0.1	0.76µm Au	20	250	YES	200	2-2327679-0
3±0.1	0.76µm Au	24	200	NO	200	1-2327679-9
	0.38µm Au				100	1-2327679-8
	FLASH Au/PdNi				50	1-2327679-7
1.2±0.1	0.76µm Au	24	250	NO	200	1-2327679-6
	0.38µm Au				100	1-2327679-5
	FLASH Au/PdNi				50	1-2327679-4
1.8±0.1	0.76µm Au	24	250	NO	200	1-2327679-3
	0.38µm Au				100	1-2327679-2
	FLASH Au/PdNi				50	1-2327679-1
3±0.1	0.76µm Au	20	250	YES	200	2327679-9
	0.38µm Au				100	2327679-8
	FLASH Au/PdNi				50	2327679-7
1.2±0.1	0.76µm Au	20	350	YES	200	2327679-6
	0.38µm Au				100	2327679-5
	FLASH Au/PdNi				50	2327679-4
1.8±0.1	0.76µm Au	20	350	YES	200	2327679-3
	0.38µm Au				100	2327679-2
	FLASH Au/PdNi				50	2327679-1
A	PLATING	POCKET TAPE PITCH	REEL QUANTITY	PICK AND PLACE TAPE	MATING CYCLES	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±.25
1 PLC ±0.20
2 PLC ±.20
3 PLC ±.
4 PLC ±.
ANGLES ±.
FINISH

WEIGHT

CUSTOMER DRAWING

DWN
C. VALENTINE
CHK
D. HARMON
APVD
D. HARMON

16JAN2018
16JAN2018
16JAN2018

PRODUCT SPEC
108-130021
APPLICATION SPEC
114-130008

WEIGHT
-

CUSTOMER DRAWING

NAME
RECEPTACLE ASSEMBLY, VERTICAL,
56 POSITION, SLIVER 2.0

SIZE
A1

CAGE CODE
00779

DRAWING NO
2327679

RESTRICTED TO
-

SCALE
10:1

SHEET
4

OF
4

REV
C

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[2327679-1](#)