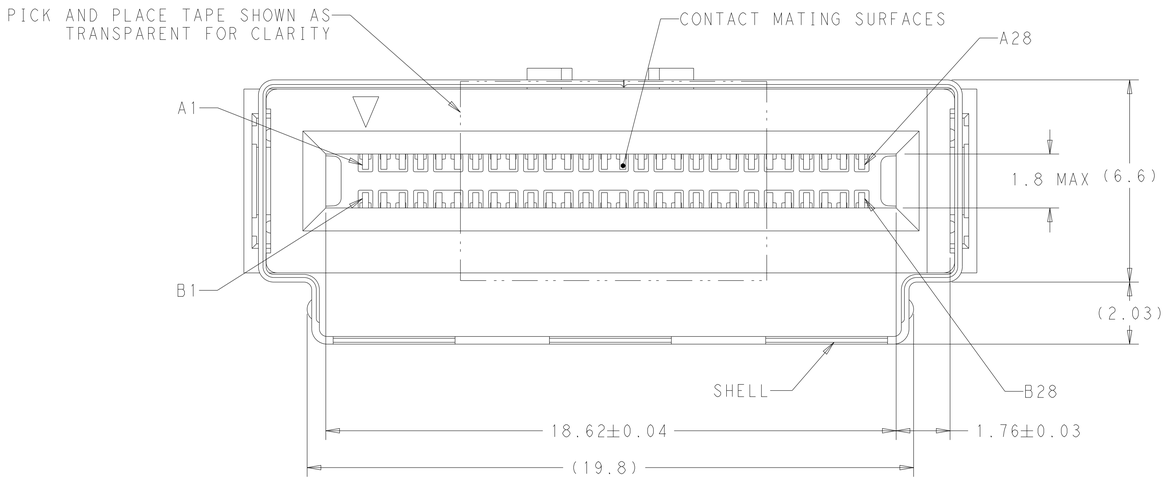
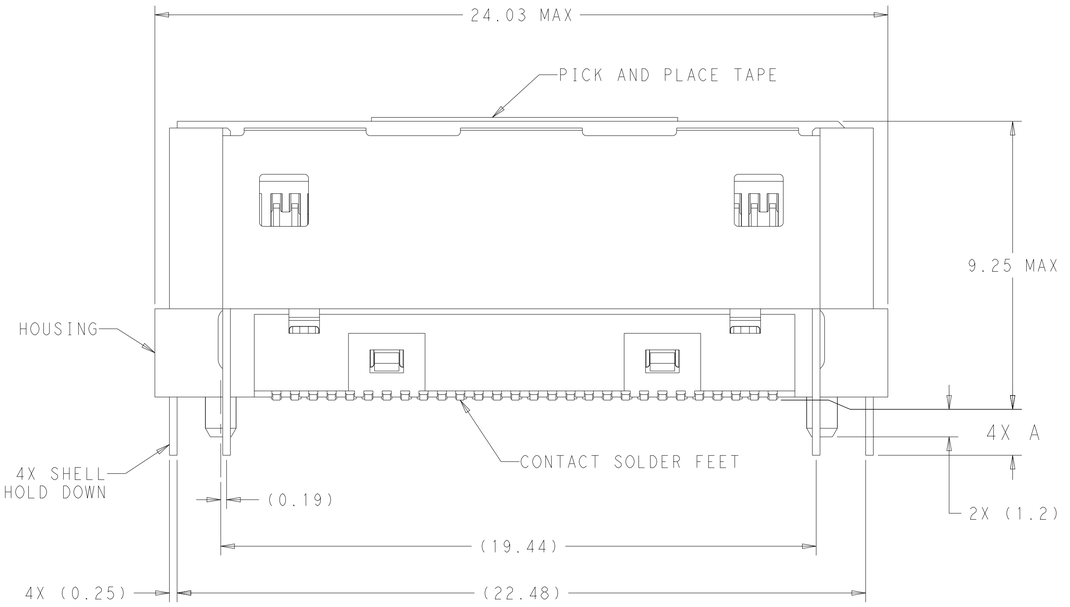
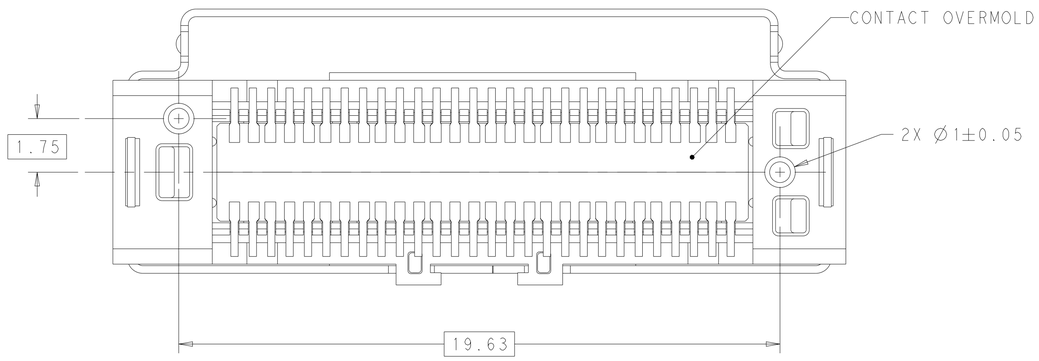
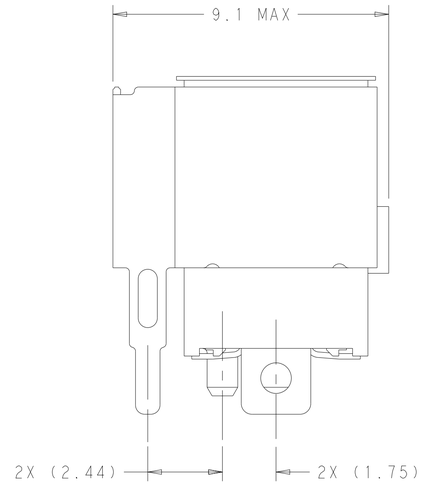
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO-19-013357	29AUG2019	CJV	JW
	B	REVISED PER ECO-19-014774	26SEP2019	CJV	JW
	C	REVISED PER ECN-21-118918	25OCT2021	TM	DZ









1. HOUSING - LCP, UL94V-0, BLACK.
   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- NICKEL PLATE, TIN PLATE ON HOLD DOWNS.
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 = 44.

A	PLATING	POCKET TAPE PITCH	REEL QUANTITY	PICK AND PLACE TAPE	MATING CYCLES	PART NUMBER
3.1±0.2	0.76µm Au	20	250	YES	200	2-2332141-0
1.2±0.2	0.76µm Au	24	250	NO	200	1-2332141-6
	0.38µm Au				100	1-2332141-5
	FLASH Au/PdNi				50	1-2332141-4
1.8 +0.2/-0.1	0.76µm Au	24	250	NO	200	1-2332141-3
	0.38µm Au				100	1-2332141-2
	FLASH Au/PdNi				50	1-2332141-1
1.2±0.2	0.76µm Au	20	300	YES	200	2332141-6
	0.38µm Au				100	2332141-5
	FLASH Au/PdNi				50	2332141-4
1.8 +0.2/-0.1	0.76µm Au	20	300	YES	200	2332141-3
	0.38µm Au				100	2332141-2
	FLASH Au/PdNi				50	2332141-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

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

MATERIAL 1 FINISH 2

DWN B. MATTHEWS 27MAR2018
CHK D. HARMON 27MAR2018
APVD D. HARMON 27MAR2018
PRODUCT SPEC 108-130021
APPLICATION SPEC 114-130015
WEIGHT -

TE Connectivity

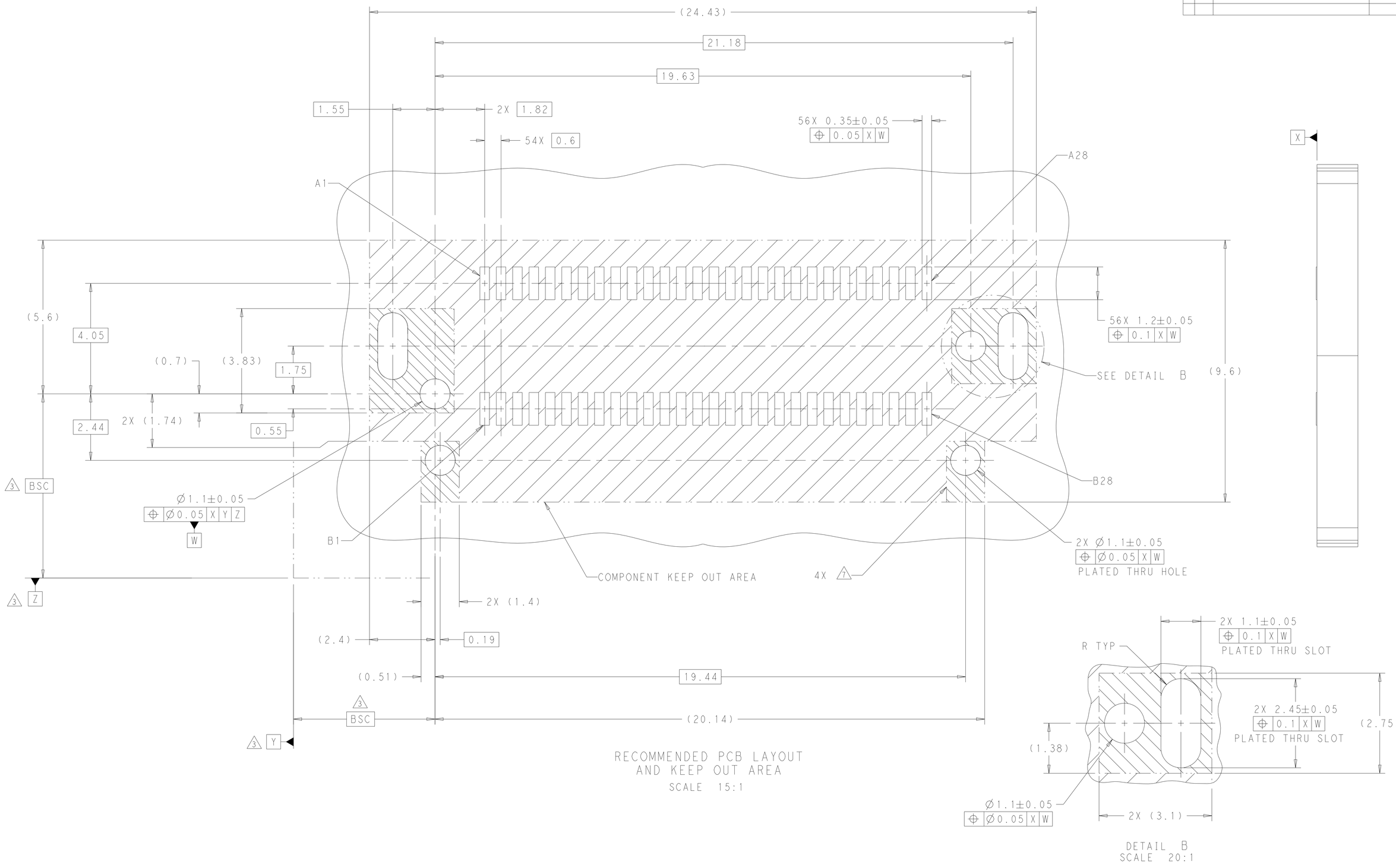
NAME RECEPTACLE ASSEMBLY, VERTICAL, 56 POSITION, SLIVER 2.0
-

SIZE A1 | CAGE CODE 00779 | DRAWING NO C-2332141 | RESTRICTED TO -

CUSTOMER DRAWING | SCALE 10:1 | SHEET 1 OF 4 | REV C

REVISIONS

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



RECOMMENDED PCB LAYOUT
AND KEEP OUT AREA
SCALE 15:1

DETAIL B
SCALE 20:1

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MATERIAL

FINISH

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-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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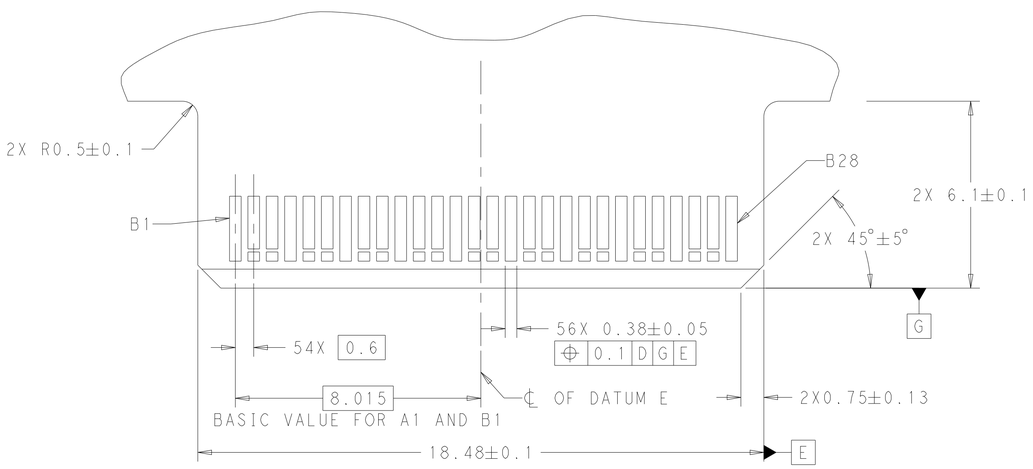
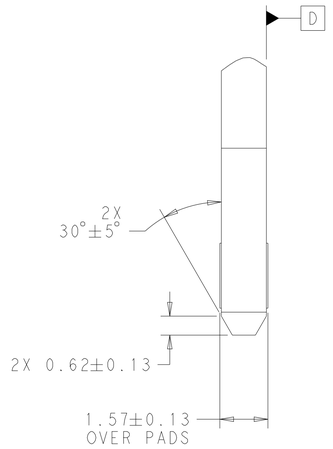
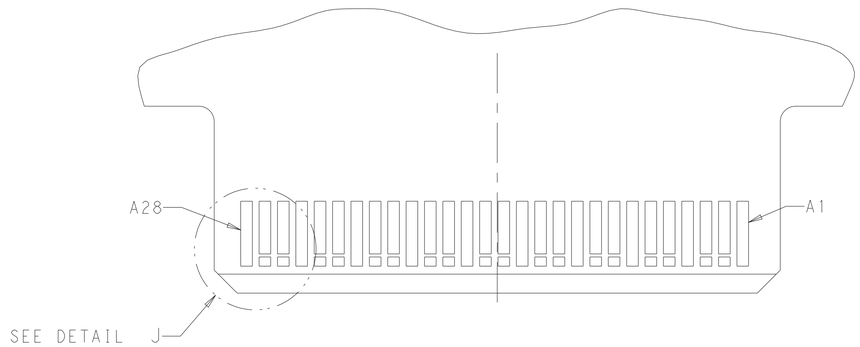
CUSTOMER DRAWING | SCALE 10:1 | SHEET 2 OF 4 | REV C

REVISIONS

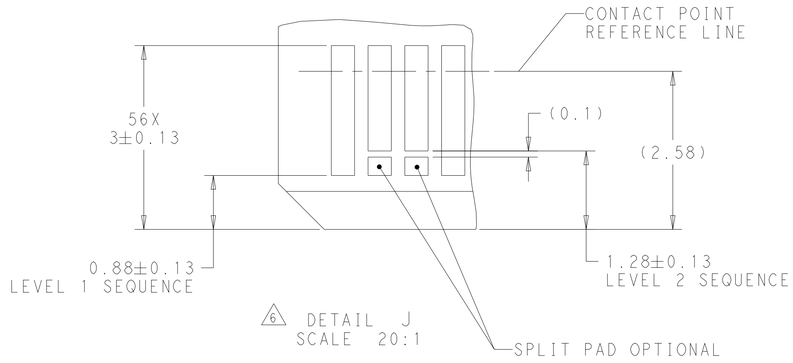
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-







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



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2 PLC ±
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL -
FINISH -

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A1	00779	C-2332141	-

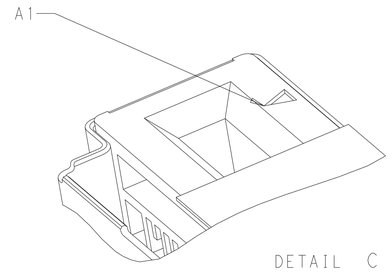
CUSTOMER DRAWING | SCALE 10:1 | SHEET 3 OF 4 | REV C

REVISIONS

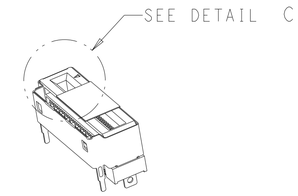
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-

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



DETAIL C
SCALE 10:1



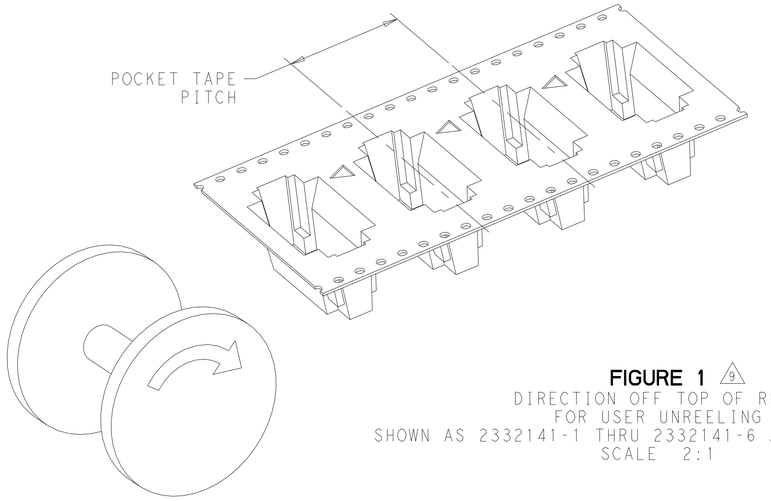


FIGURE 1 9
DIRECTION OFF TOP OF REEL
FOR USER UNREELING
SHOWN AS 2332141-1 THRU 2332141-6 AND 2-2332141-0
SCALE 2:1

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DIMENSIONS: mm

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0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±-
4 PLC ±-
ANGLES ±-

MATERIAL
FINISH

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CUSTOMER DRAWING | SCALE 10:1 | SHEET 4 OF 4 | REV C