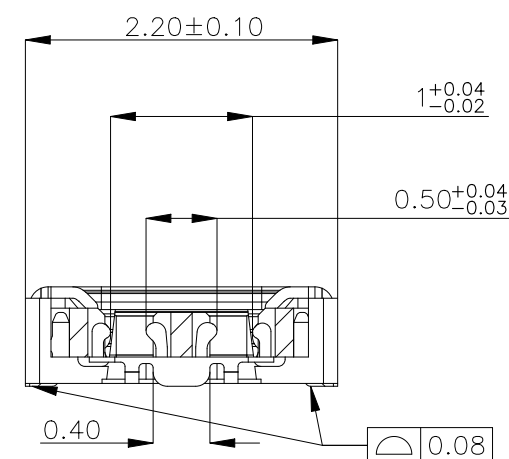
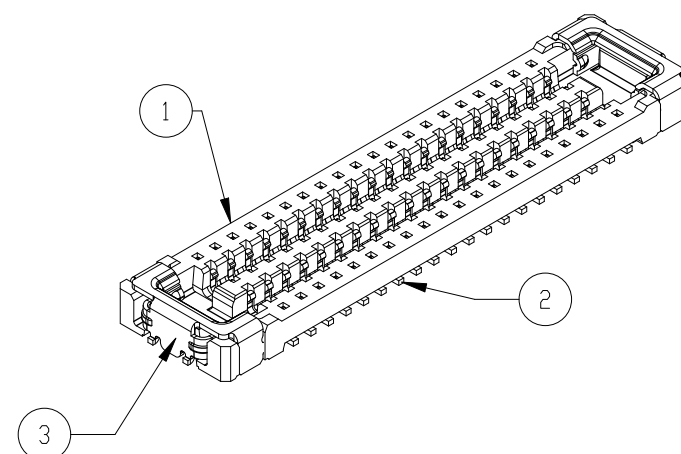
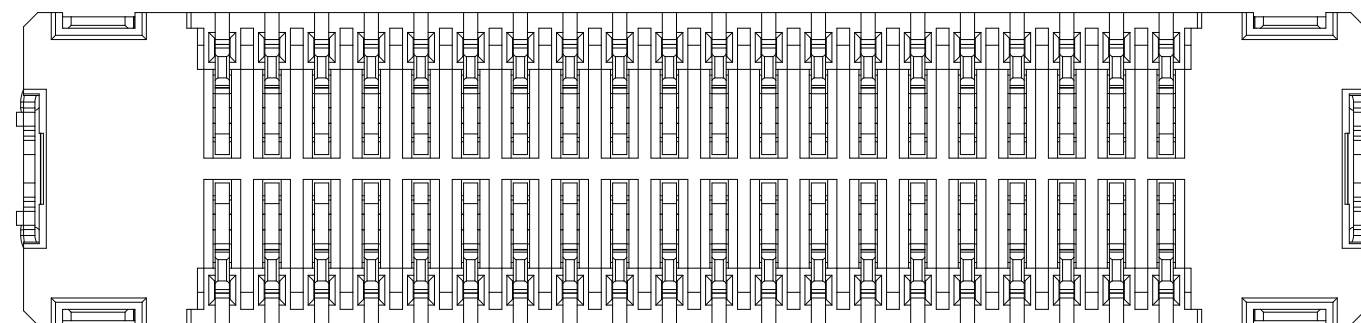




ALL TERMINAL AND SOLDER
TAB COPLANARITY



3	FITTING NAIL (HOLD DOWN)	2	COPPER ALLOY/GOLD OVER NI
2	CONTACT	XX	COPPER ALLOY/GOLD OVER NI
1	HOUSING	1	LCP
ITEM	NAME	Q'TY	MATERIAL/FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	13APR2026
MANOJ K	
CHK	13APR2026
ARJUN K A	
APVD	13APR2026
JAGRUTI MOHANTY	
PRODUCT SPEC	



TE Connectivity

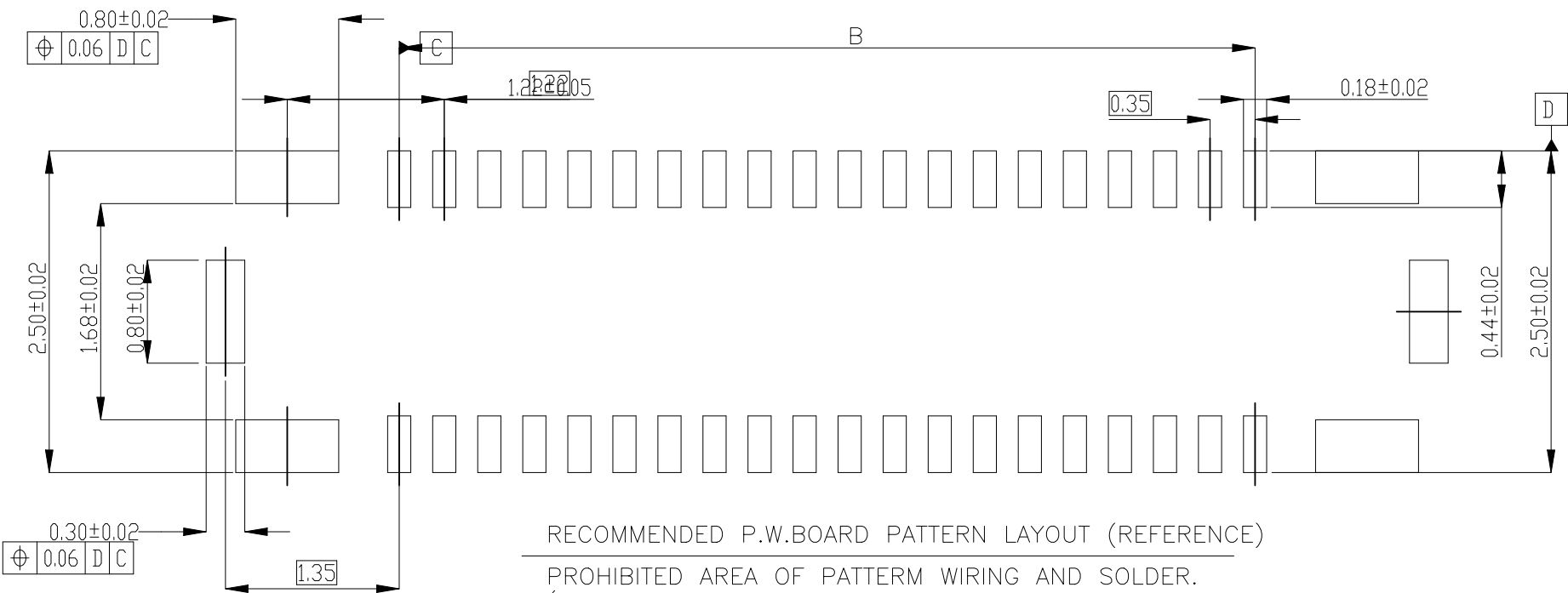
NAME	LOW PROFILE P0.35*H0.7 BOARD TO BOARD CONN. REC
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SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2554590	—

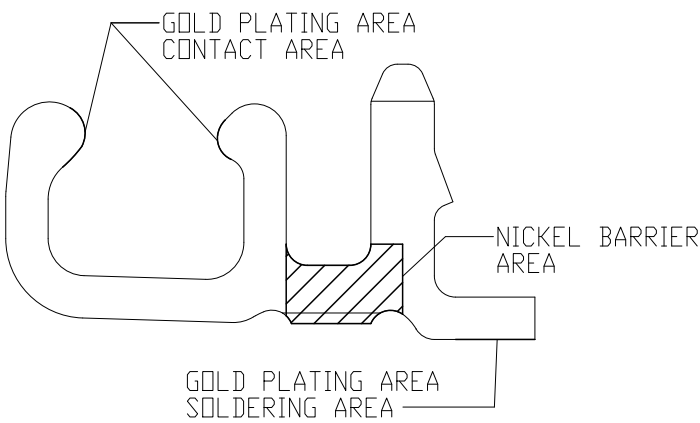
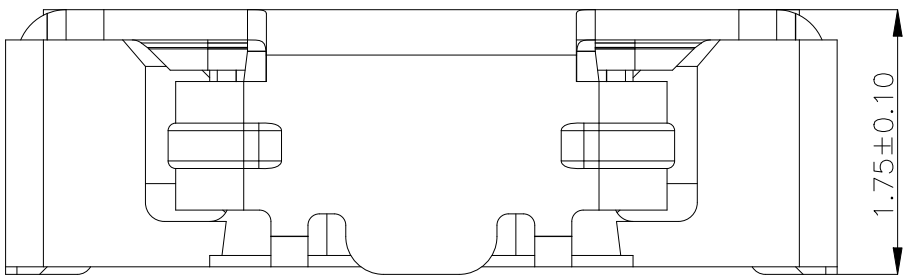
CUSTOMER DRAWING	SCALE 1:1	SHEET 1 OF 6	REV 2
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1470-19 (1/15)

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



RECOMMENDED P.W.BOARD PATTERN LAYOUT (REFERENCE)
PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA,THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED,THE COVERED WITH A FILM TO KEEP SOLDER OUT)



- NOTES:
- 1.0: RATING:
 - 1.1: VOLTAGE:60V AC/DC
 - 1.2: CURRENT(MAX): TERMINAL 0.3A/PIN
FITTING NAIL(HOLD DOWN) 5.0A/PIN
 - 1.3: OPERATION TEMPERATURE: -40°C TO +85°C
 - 2.0: ELECTRICAL CHARACTERISTIC:
 - 2.1: CONTACT RESISTANCE: 50 mΩ MAX INITIAL
 - 2.2: INSULATION RESISTANCE: 1000 MΩ MIN INITIAL
 - 2.3: DIELECTIC WITHSTANDING VOLTAGE: 250V AC FOR ONE MINUTE

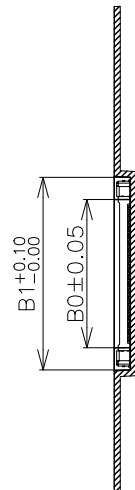
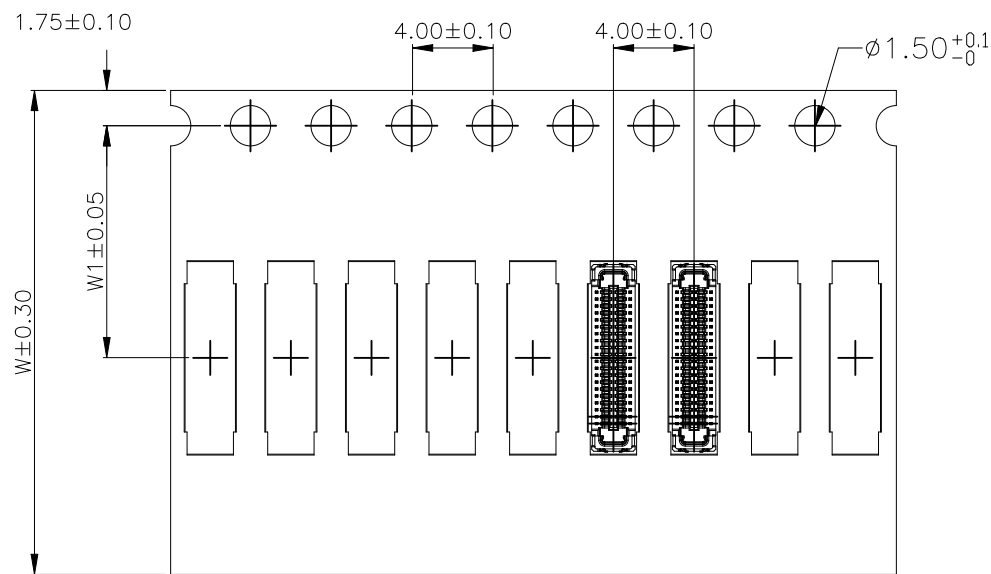
TABLE A:

POSITIONS	A	B	C	D	E	TE Part NO.
10	4.20	1.40	3.15	3.33	2.13	1-2554590-0
24	6.65	3.85	5.60	5.78	4.58	2-2554590-4
30	7.70	4.90	6.65	6.83	5.63	3-2554590-0
34	8.40	5.60	7.35	7.53	6.33	3-2554590-4
40	9.45	6.65	8.40	8.58	7.38	4-2554590-0
50	11.20	8.40	10.15	10.33	9.13	5-2554590-0

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MANOJ K CHK ARJUN K A APVD JAGRUTI MOHANTY PRODUCT SPEC — APPLICATION SPEC — WEIGHT —		13APR2026 13APR2026 13APR2026		 TE Connectivity							
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME LOW PROFILE P0.35*H0.7 BOARD TO BOARD CONN. REC —									
		0 PLC ± 0.38 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 0.03 4 PLC ± — ANGLES ± 3°		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
MATERIAL —		FINISH —		A3		00779		C-2554590		—			
CUSTOMER DRAWING								SCALE 1:1		SHEET 2 of 6		REV 2	

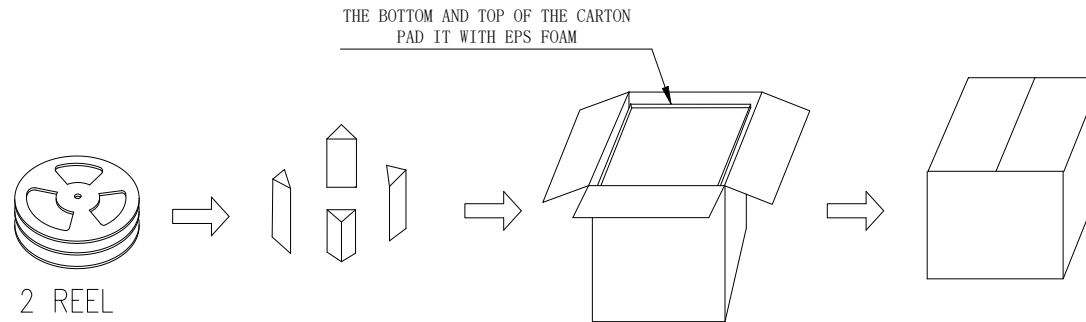
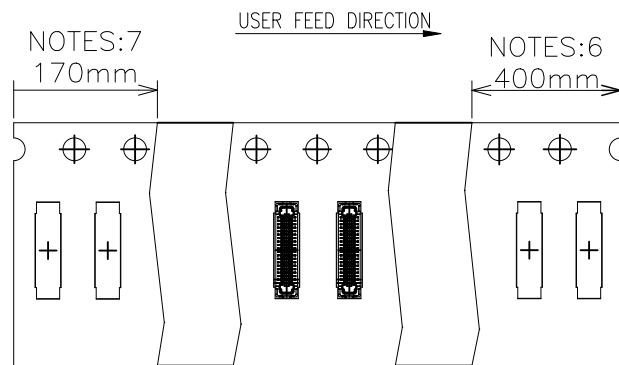
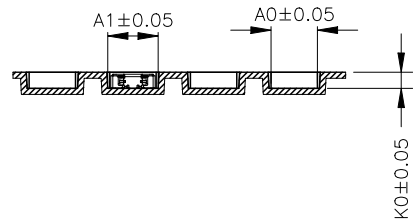
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

D



- NOTES:
1. BOARD TO BOARD 10~50POS FEMALE
 2. MATERIAL:TRANSPARENT CONDUCTIVE POLYSTYRENE ALLOY.
 3. ALL DIMENSIONS MEET EIA-481-D REQUIREMENTS
 4. THICKNESS:0.30±0.05mm
 5. COMPONENT LOAD PER 13" REEL
 6. BEFORE UNREELING DIRECTION MUST HAVE 100PCS BLANK(400mm Min.)
 7. AFTER UNREELING DIRECTION MUST HAVE 42PCS BLANK(170mm Min.)

C



PACKING IMAGE

B

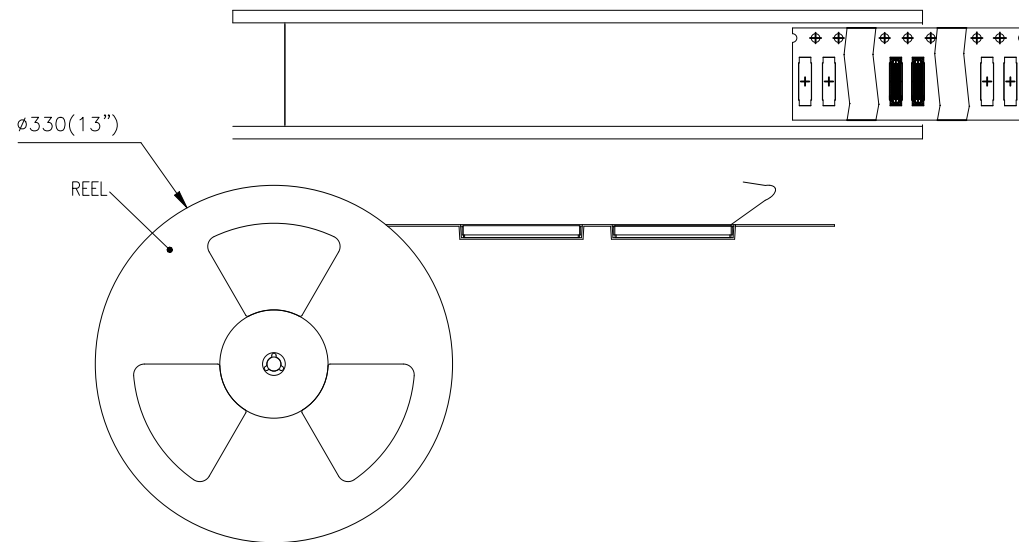


TABLE A	W	W1	A0	A1	B0	B1	K0	GROSS WEIGHT	NET WEIGHT	PCS/REEL	REEL/BOX	PCS/BOX	EPS FOAM
1-2554590-0	16.00	7.50	2.30	2.50	2.10	4.30	0.80	1.87KG	0.1KG	10000	2	20000	11
2-2554590-4					4.55	6.75		2.10KG	0.15KG				
3-2554590-0					5.60	7.80		2.20KG	0.17KG				
3-2554590-4	24.00	11.50			6.30	8.50		2.38KG	0.18KG				9
4-2554590-0					7.35	9.55		2.48KG	0.19KG				
5-2554590-0					9.10	11.30		2.65KG	0.23KG				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	MANOJ K	13APR2026
CHK	ARJUN K A	13APR2026
APVD	JAGRUTI MOHANTY	13APR2026
PRODUCT SPEC	—	—
APPLICATION SPEC	—	—
WEIGHT	—	—

TE TE Connectivity

LOW PROFILE P0.35*H0.7
BOARD TO BOARD CONN. REC

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:
	0 PLC ± 0.38 1 PLC ± 0.25 2 PLC ± 0.13 3 PLC ± 0.03 4 PLC ± — ANGLES ± 3°
MATERIAL	FINISH
—	—

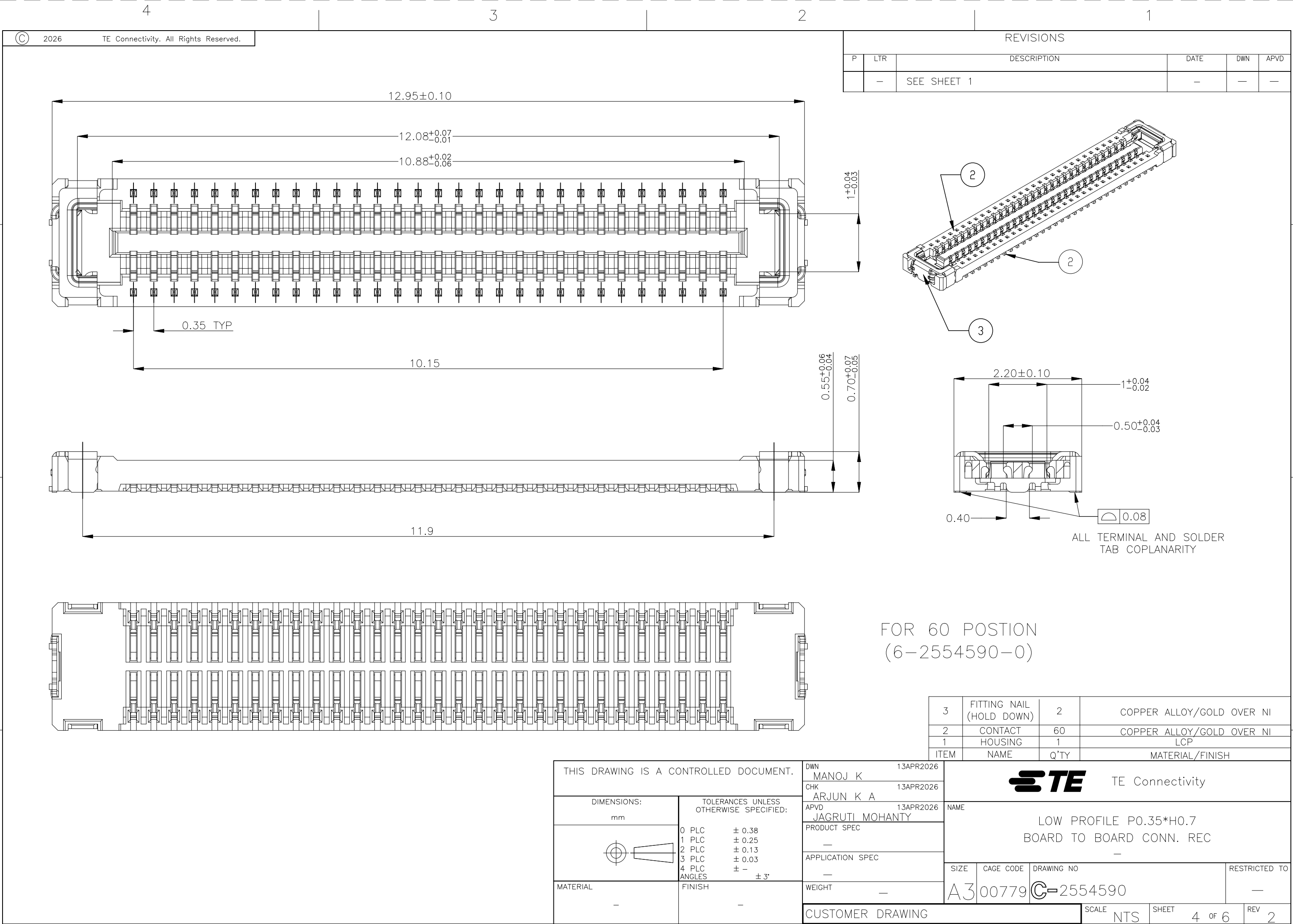
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2554590	—
CUSTOMER DRAWING			SCALE NTS
SHEET 3 OF 6			REV 2

D

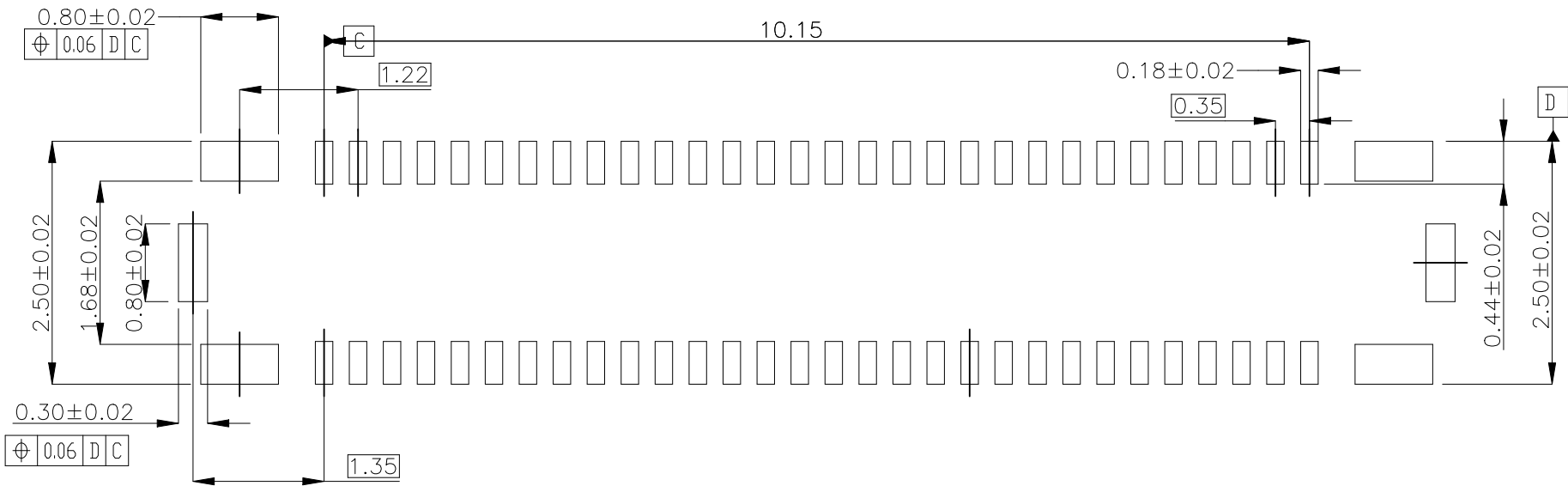
C

B

A

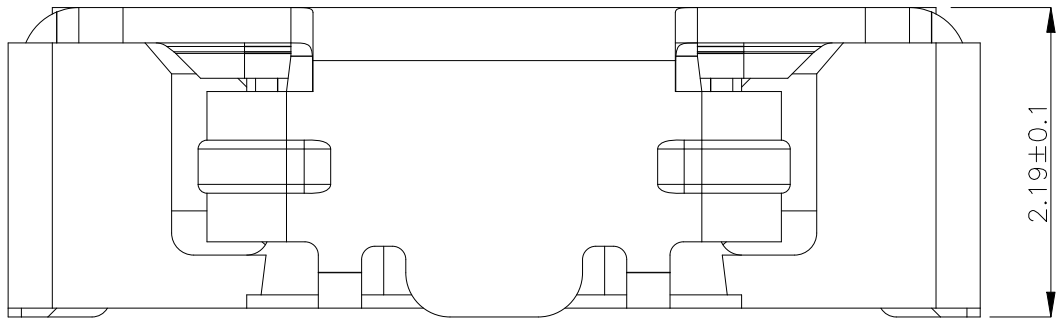


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

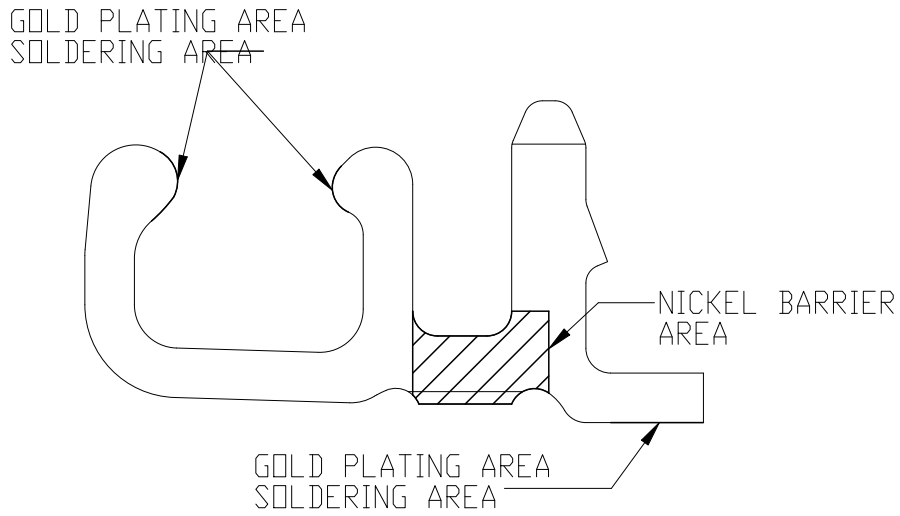


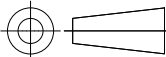
RECOMMENDED P.W.BOARD PATTERN LAYOUT (REFERENCE)

PROHIBITED AREA OF PATTERN WIRING AND SOLDER.
(FOR EACH AREA,THE WIRING THAT TOUCHES ON THE SOLDER
CAN BE ATTACHED,THE COVERED WITH A FILM TO KEEP SOLDER OUT)

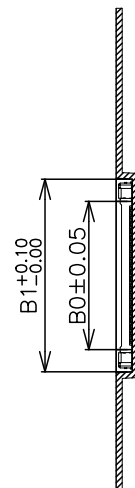
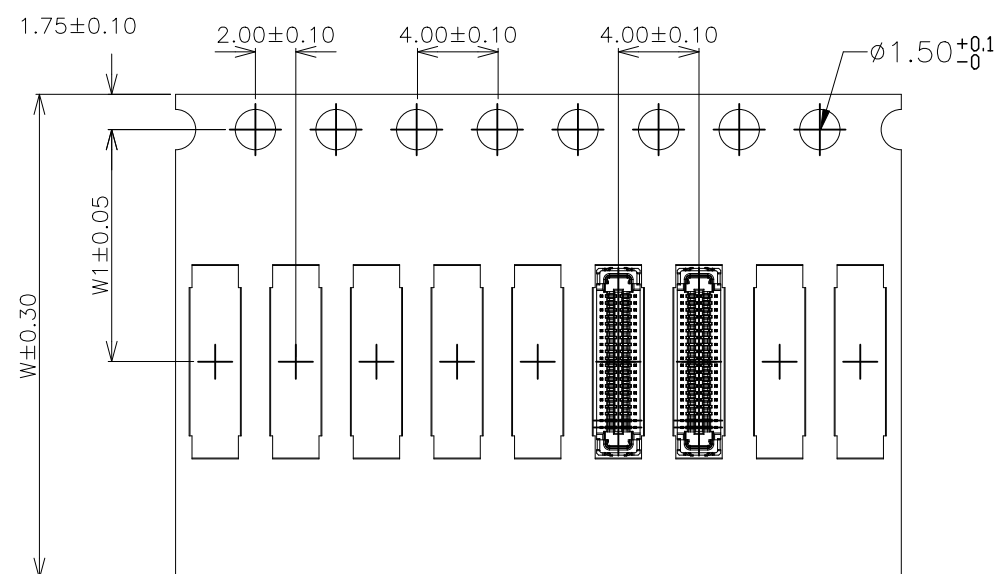


FOR 60 POSTION
(6-2554590-0)

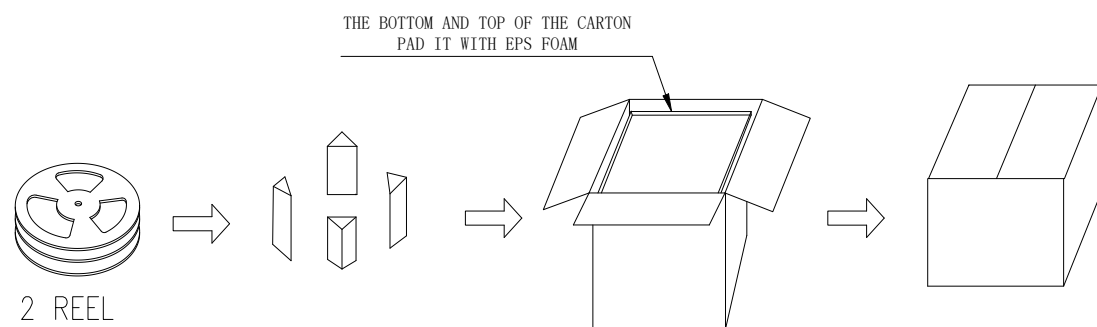
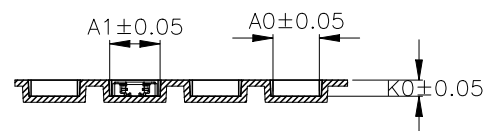


THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN MANOJ K 13APR2026	 TE Connectivity		
		CHK ARJUN K A 13APR2026			
		APVD JAGRUTI MOHANTY 13APR2026	NAME		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	LOW PROFILE P0.35*H0.7 BOARD TO BOARD CONN. REC		
		0 PLC ± 0.38	SIZE A3		
		1 PLC ± 0.25			
		2 PLC ± 0.13	CAGE CODE 00779		
		3 PLC ± 0.03			
		4 PLC ± —	DRAWING NO C-2554590		
		ANGLES ± 3°			
MATERIAL		FINISH	RESTRICTED TO		
—		—			
		CUSTOMER DRAWING	SCALE NTS		
			SHEET 5 OF 6		
			REV 2		

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



1. BOARD TO BOARD 60POS FEMALE
2. MATERIAL: TRANSPARENT CONDUCTIVE POLYSTYRENE ALLOY.
3. ALL DIMENSIONS MEET EIA-481-D REQUIREMENTS
4. THICKNESS:0.30±0.05mm
5. COMPONENT LOAD PER 13" REEL
6. BEFORE UNREELING DIRECTION MUST HAVE 100PCS BLANK(400mm Min.)
7. AFTER UNREELING DIRECTION MUST HAVE 42PCS BLANK(170mm Min.)



PACKING IMAGE

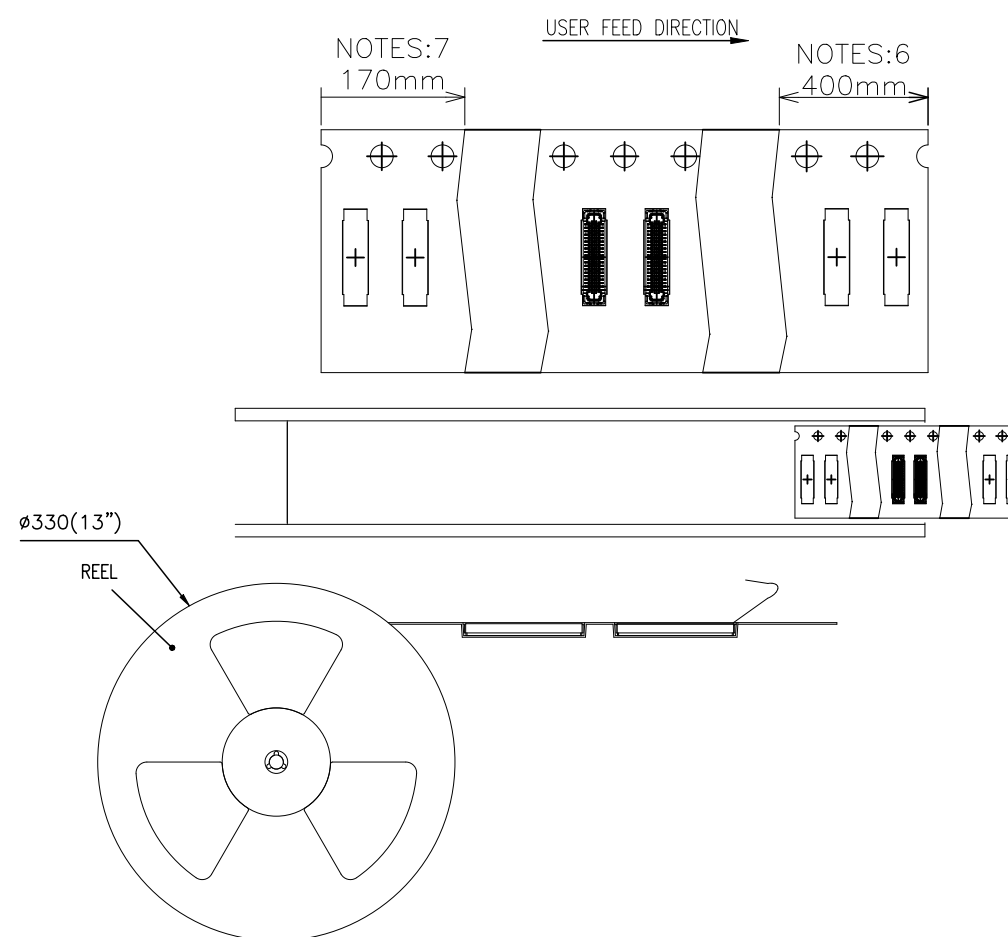


TABLE A	W	W1	A0	A1	B0	B1	K0	GROSS WEIGHT	NET WEIGHT	PCS/REEL	REEL/BOX	PCS/BOX	EPS FOA
6-2554590-0	24.00	11.50	2.30	2.50	10.85	13.05	0.80	2.81KG	0.27KG	10000	2	20000	9

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	13APR2026
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MANOJ K	
CHK	13APR2026

ARJUN K A

APVD 13APR2026
JAGRITI MOHANTY

PRODUCT SPEC	
--------------	--

—

APPLICATION SPEC

—

WEIGHT	—
--------	---

CUSTOMER DRAWING:

CUSTOMER DRAWING

255

TE Connectivity

NAME	LOW PROFILE DO 35*110.7
------	-------------------------

LOW PROFILE PU.35*H0.7
BOARD TO BOARD CONN. RES

BOARD TO BOARD CONN. REC

[illegible]

SIZE	CAGE CODE	DRAWING NO	RESTRICTED T
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Δ 3 00779	C=2554590	—
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175	33775	☺	225-1000		
			SCALE	SHEET	REV

	SHEET	NTS	SHEET	6 OF 6	REV	2
--	-------	-----	-------	--------	-----	---

DIMENSIONS:
mm

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0	PLC	± 0.38
1	PLC	± 0.25
2	PLC	± 0.13
3	PLC	± 0.03
4	PLC	$\pm -$

[illegible]

ANGLES
FINISH