

4

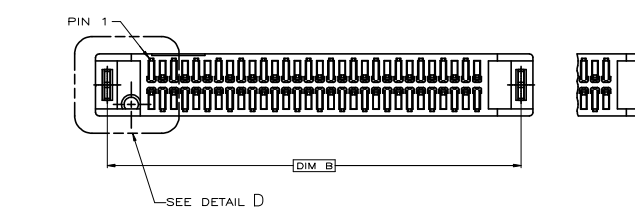
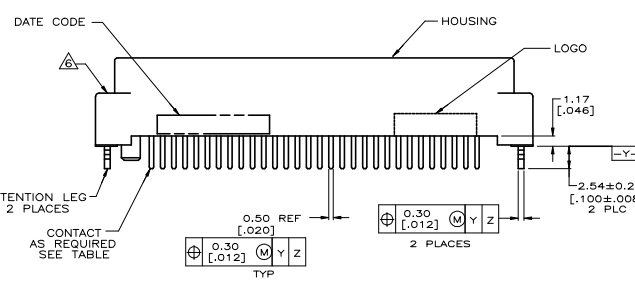
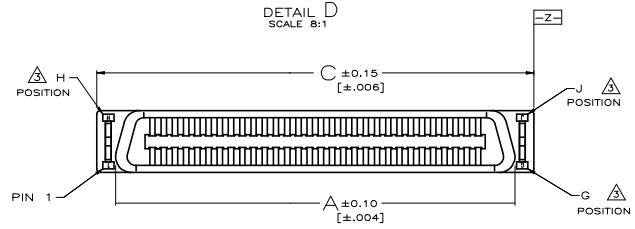
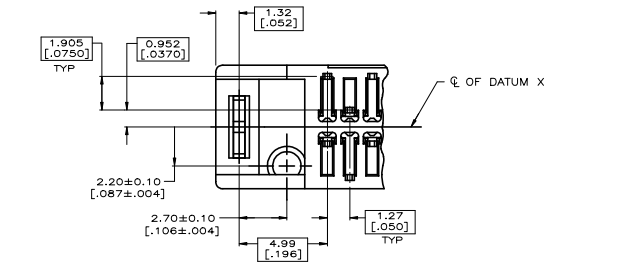
3

2

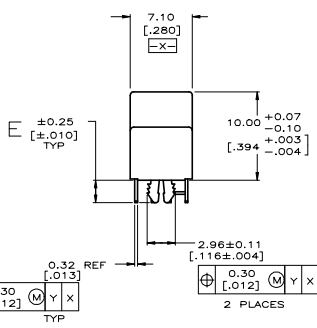
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E2	REVISED PER ECN-23-202744	14MAR2023	IT	WH



- NOTE:
- MATERIAL:  
 HOUSING: LCP, MOLDING COMPOUND, UL 94V-0, BLACK COLOR.  
 CONTACTS: BRASS.  
 BOARDLOCKS: BRASS.
  - FINISH:  
 CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,  
 3.81µm [150µ"] MIN. MATTE-TIN ON SOLDERTAIL,  
 1.27µm [50µ"] MIN. NICKEL UNDERPLATED OVERALL.  
 BOARDLOCKS: 3.81µm [150µ"] MIN. TIN-Cu OVER  
 1.27µm [50µ"] MIN. UNDERPLATED.
- ⚠ G, J, H INDICATE NUMBER OF POSITION MARKED ON ASSEMBLY. ALSO SEE TABLE.
- ⚠ ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- ⚠ RETENTION LEGS NOT PRESENT.
- ⚠ TOP OF RETENTION LEG MAY NOT PROTRUDE ABOVE THIS SURFACE
- ⚠ HOUSING BOW UP TO 0.30 [0.012] ALLOWED.
8. 60 POSITION AS SHOWN.
9. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC. 109-202, CONDITION B.
- ⚠ GOLD FLASH OVER 0.762µm [30µ"] MIN. PALLADIUM-NICKEL, OR 0.76µm MIN GOLD PLATED.



PCB THICKNESS	E	C	B	A	G	J	H	A	CONTACT PLATED	PART NUMBER	PDS.
0.80-1.60 [0.31-0.63]	2.54 [1.00]	125.65 [4.947]	123.01 [4.843]	121.37 [4.778]	90	180	91		GOLD FLASH	5-1734100-9	180
									0.381mm[15m]	3-1734100-8	
									⚠	1-1734100-8	
									⚠	7-1734100-6	
									GOLD FLASH	5-1734100-6	160
									0.381mm[15m]	3-1734100-6	
									⚠	1-1734100-6	
									GOLD FLASH	5-1734100-3	130
									0.381mm[15m]	3-1734100-3	
									⚠	1-1734100-3	
									GOLD FLASH	5-1734100-2	120
									0.381mm[15m]	3-1734100-2	
									⚠	1-1734100-2	
									GOLD FLASH	5-1734100-1	100
									0.381mm[15m]	3-1734100-1	
									⚠	1-1734100-1	
									GOLD FLASH	5-1734100-0	100
									0.381mm[15m]	3-1734100-0	
									⚠	1-1734100-0	
									GOLD FLASH	4-1734100-9	80
									0.381mm[15m]	2-1734100-9	
									⚠	1734100-9	
									GOLD FLASH	4-1734100-8	80
									0.381mm[15m]	2-1734100-8	
									⚠	1734100-8	
									GOLD FLASH	4-1734100-7	68
									0.381mm[15m]	2-1734100-7	
									⚠	1734100-7	
									GOLD FLASH	4-1734100-6	60
									0.381mm[15m]	2-1734100-6	
									⚠	1734100-6	
									GOLD FLASH	5-1734100-9	50
									0.381mm[15m]	3-1734100-9	
									⚠	1-1734100-9	
									GOLD FLASH	4-1734100-5	50
									0.381mm[15m]	2-1734100-5	
									⚠	1734100-5	
									GOLD FLASH	4-1734100-4	40
									0.381mm[15m]	2-1734100-4	
									⚠	1734100-4	
									GOLD FLASH	4-1734100-3	30
									0.381mm[15m]	2-1734100-3	
									⚠	1734100-3	
									GOLD FLASH	4-1734100-2	20
									0.381mm[15m]	2-1734100-2	
									⚠	1734100-2	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN F. YANG 31MAR2009	TE Connectivity Ltd.	
		CHK S. CHIEN 31MAR2009		
DIMENSIONS: mm		APVD W. KODAMA 31MAR2009	NAME	
		PRODUCT SPEC 108-57876	PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I	
MATERIAL SEE NOTE		APPLICATION SPEC	SIZE A3	CAGE CODE 00779
FINISH SEE NOTE		WEIGHT 0	DRAWING NO C=1734100	RESTRICTED TO
		CUSTOMER DRAWING	SCALE	SHEET 1 OF 6 REV E2

4

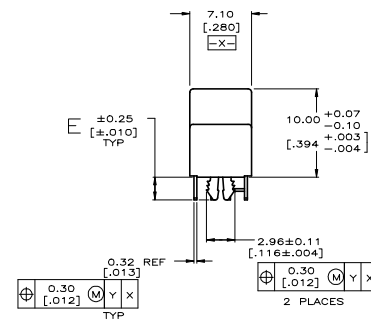
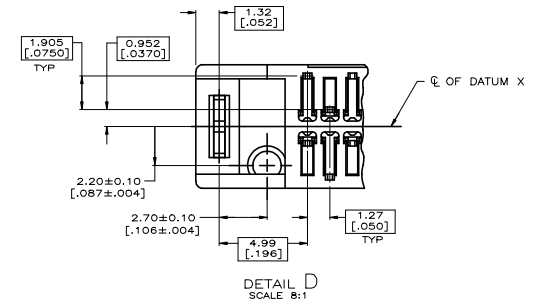
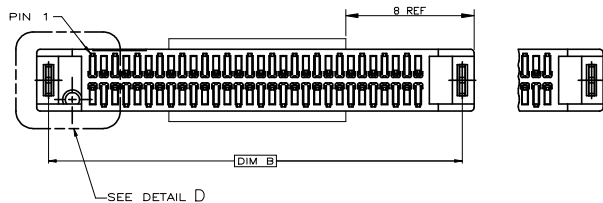
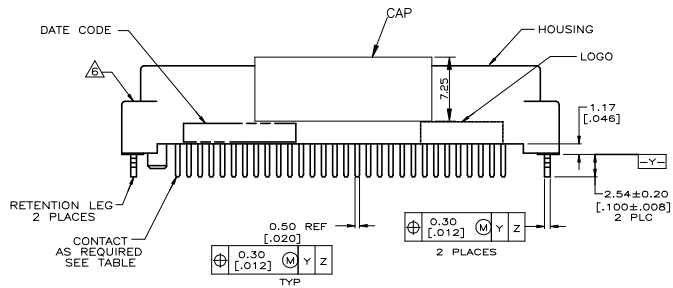
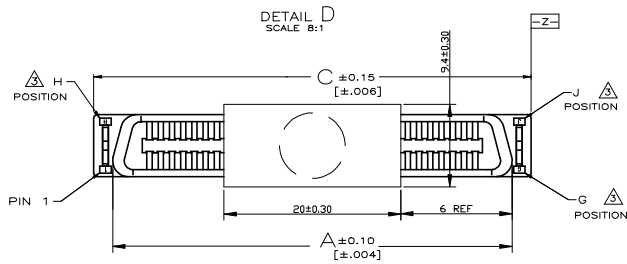
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

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



FOR 5-1734100-4 WITH CAP

0.80-1.60 [0.031-0.063]	2.54 [0.100]	36.75 [1.447]	34.11 [1.343]	32.47 [1.278]	20	40	21		5-1734100-4	40	
PCB THICKNESS	E	C	B	A	G	J	A	H	CONTACT PLATED	PART NUMBER	PDS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN F. YANG 31MAR2009	TE Connectivity Ltd.			
DIMENSIONS: mm		CHK S. CHIEN 31MAR2009				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD W. KODAMA 31MAR2009	NAME PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC 108-57876	SIZE A3	CAGE CODE 00779	DRAWING NO C=1734100	RESTRICTED TO -
MATERIAL SEE NOTE		FINISH SEE NOTE	WEIGHT 0	CUSTOMER DRAWING		SCALE -
		SHEET 2 OF 6		REV E2		

4

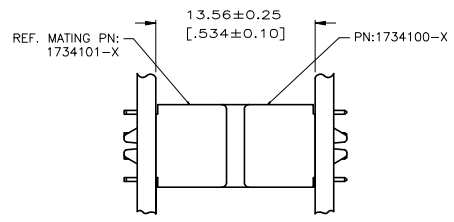
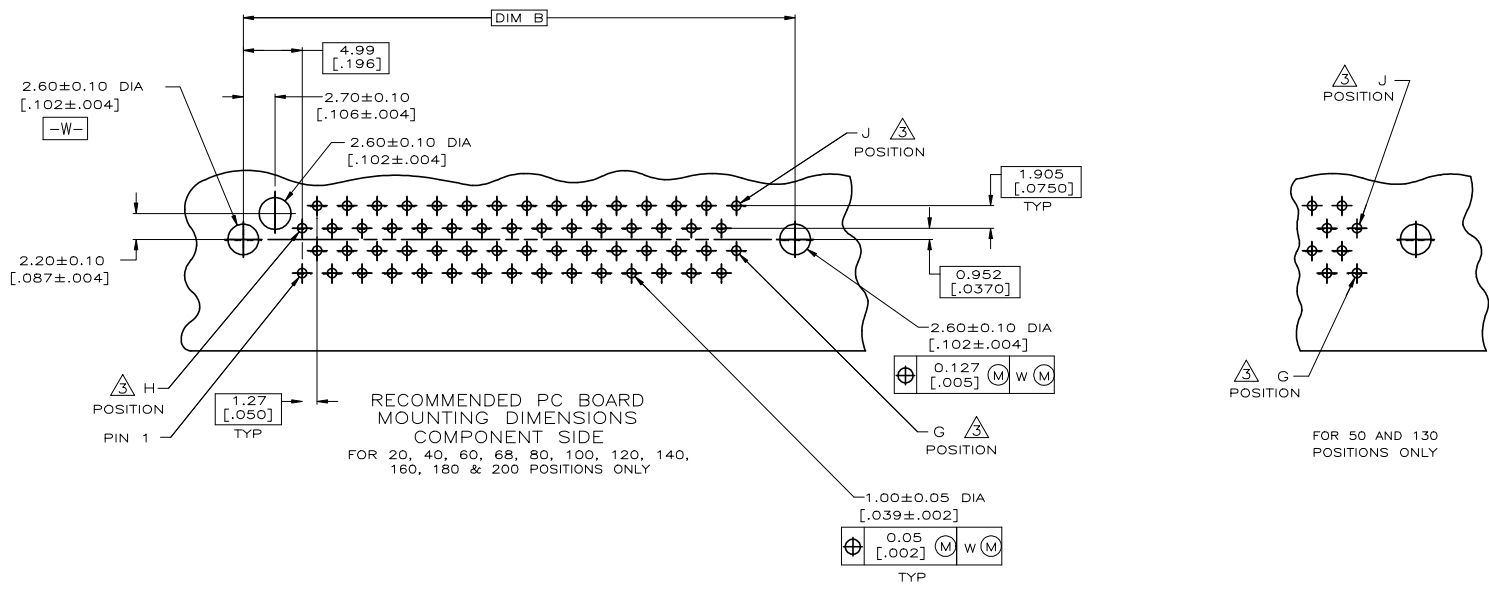
3

2

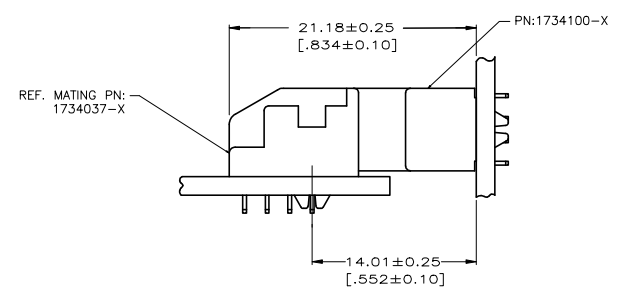
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

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



VERTICAL PLUG ASSEMBLY MATED TO VERTICAL RECEPTACLE ASSEMBLY



VERTICAL PLUG ASSEMBLY MATED TO RIGHT ANGLE RECEPTACLE ASSEMBLY

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity Ltd.		
DIMENSIONS: mm		CHK			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME		
0 PLC ±-		PRODUCT SPEC	PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I		
1 PLC ±-		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
2 PLC ±-			A3	00779	C=1734100
3 PLC ±-		WEIGHT	RESTRICTED TO		
4 PLC ±-			-		
ANGLES ±-		CUSTOMER DRAWING	SCALE	SHEET	REV
MATERIAL FINISH			-	3 OF 6	E2

4

3

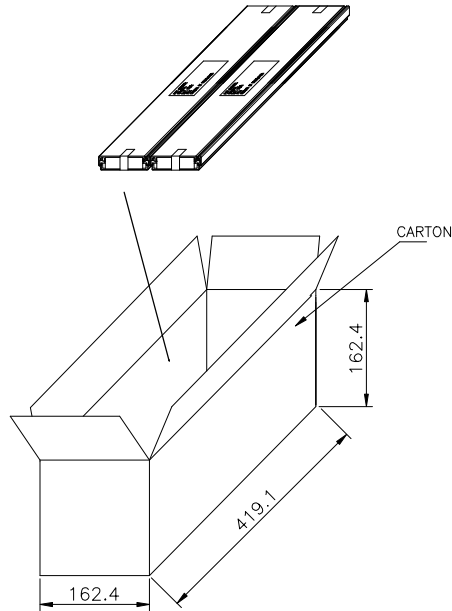
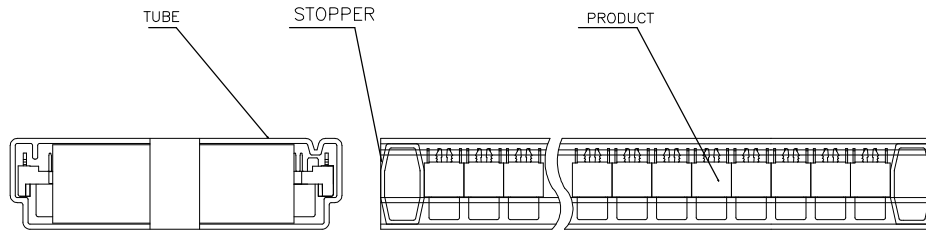
2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

REVISIONS

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



Ⓣ OBSOLETE

Ⓣ OBSOLETE

4.88	3.42	54	8	432	5-1734100-2 3-1734100-2 1-1734100-2	120
7.70	5.58	54	16	864	5-1734100-0 3-1734100-0 1-1734100-0	100
5.28	3.80				4-1734100-9 2-1734100-9	
5.38	3.90	54	16	864	1734100-9 4-1734100-8 2-1734100-8 1734100-8	80
4.76	3.37	54	16	864	4-1734100-7 2-1734100-7 1734100-7	68
4.36	3.11	54	16	864	4-1734100-6 2-1734100-6 1734100-6	60
5.72	4.08				5-1734100-9 3-1734100-9 1-1734100-9	
5.70	4.07	54	24	1296	4-1734100-5 2-1734100-5 1734100-5	50
4.77	3.50	54	24	1296	4-1734100-4 2-1734100-4 1734100-4	40
4.46	3.03	54	24	1296	4-1734100-3 2-1734100-3 1734100-3	30
G.W./CARTON	N.W./CARTON	PCS/TUBE	TUBES/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER	PDS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-
DIMENSIONS: mm		CHK	-
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-
0 PLC	± -	PRODUCT SPEC	-
1 PLC	± -	APPLICATION SPEC	-
2 PLC	± -	WEIGHT	-
3 PLC	± -		
4 PLC	± -		
ANGLES	± -		
MATERIAL	FINISH		

**STE** TE Connectivity Ltd.

PLUG ASSEMBLY, VERTICAL  
BOARD-TO-BOARD,  
CHAMP .050, SERIES I

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=1734100	-
CUSTOMER DRAWING		SCALE	SHEET 4 OF 6 REV E2

4

3

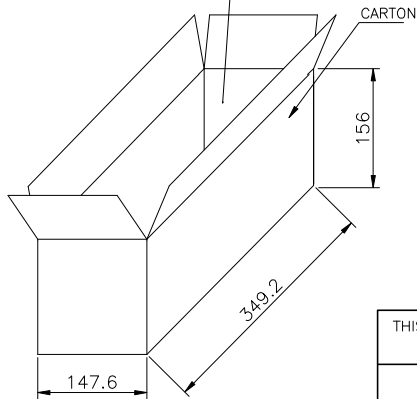
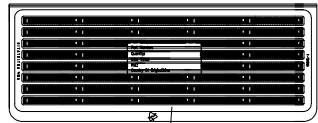
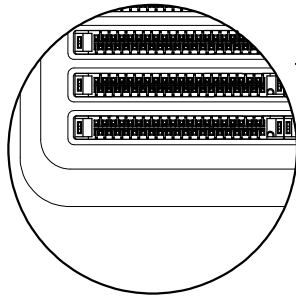
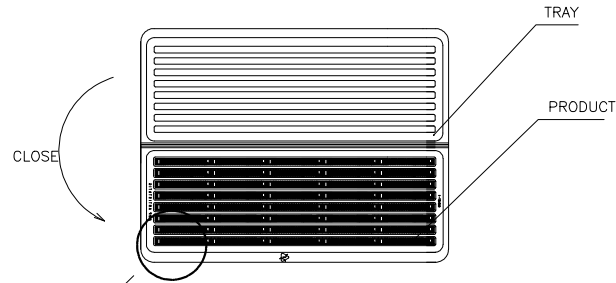
2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

REVISIONS

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



G.W./CARTON (KG)	N.W./CARTON (KG)	PCS/TRAY	TRAYS/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER		PDS.
					5-1734100-8	3-1734100-8	
2.62	1.97	16	10	160	1-1734100-8		180
					5-1734100-6		
					3-1734100-6		160
					1-1734100-6		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity Ltd. PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I			RESTRICTED TO			
DIMENSIONS: mm		CHK				NAME		-	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD				PRODUCT SPEC		-	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		FINISH				APPLICATION SPEC		-	
MATERIAL		WEIGHT	SIZE	CAGE CODE	DRAWING NO	-			
-		-	A3	00779	C=1734100	-			
CUSTOMER DRAWING			SCALE	SHEET	REV	E2			
-			-	5 OF 6	-	-			

4

3

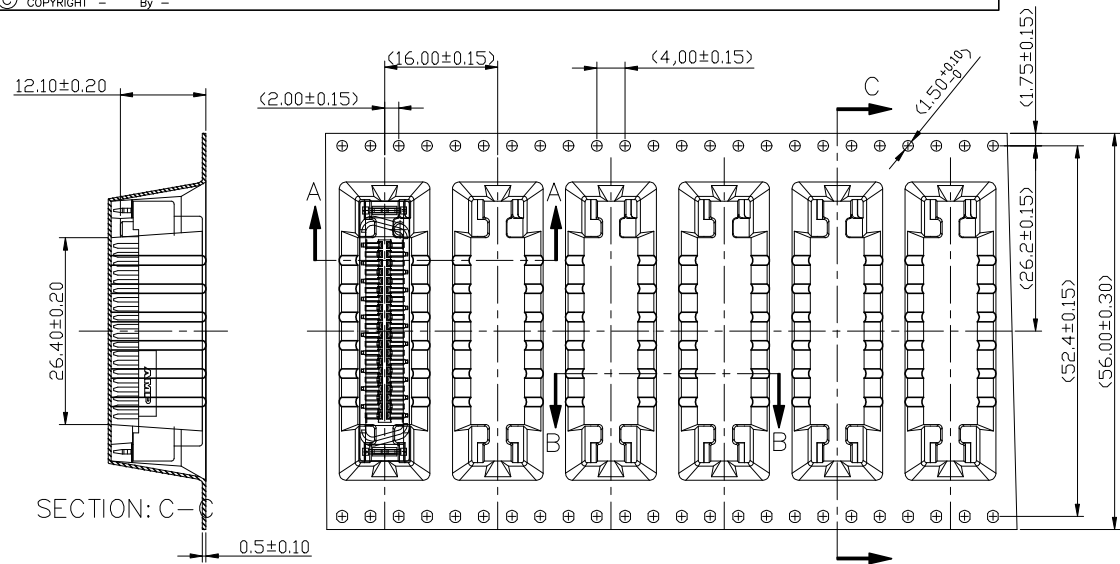
2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

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

D

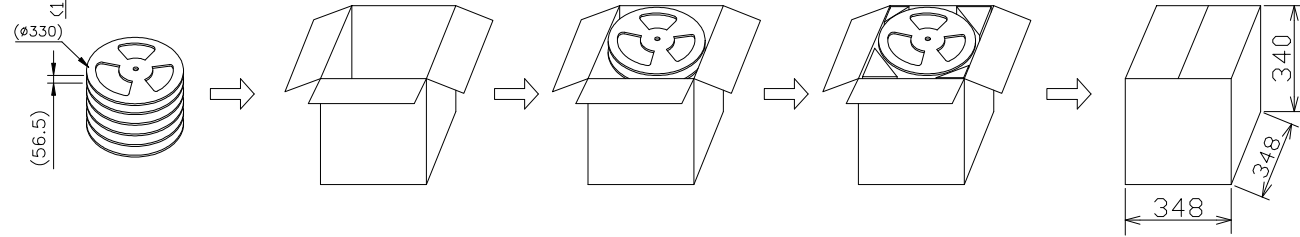
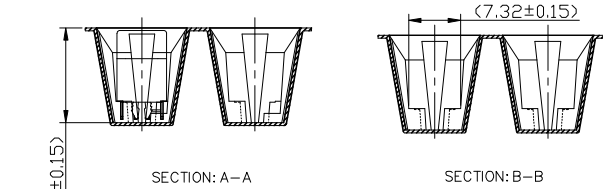


NOTES : (FOR TAPE & REEL)

- PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT MUST MEET CONTROLLED SUBSTANCES SPEC PER 230-702.
- \* CADMIUM AND CADMIUM COMPOUNDS NOT TO EXCEED: 5 PPM.
- \* LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED: 100 PPM (COMBINED).
- \* CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EIA-481-B.
- 1. MATERIAL :  
 COVER TAPE : PET, COLOR: CLEAR  
 CARRIER TAPE : PS BLACK  
 REEL : PS BLUE  
 SHIPPING BOX: CORRUGATED FIBER
- 2. DIMENSION :  
 REEL : SEE DRAWING  
 SHIPPING BOX : SEE DRAWING
- 3. QUANTITY : SEE TABLE
- 4. WEIGHT : SEE TABLE
- 5. PEELING RESISTANCE : 10gf~130gf (for 12mm~56mm)
- 6. PEELING SPEED : 300mm/MINUTES

C

B



A

THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN	-	TE Connectivity Ltd.					
DIMENSIONS: mm						CHK	-				NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:						APVD	-	PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I					
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -						PRODUCT SPEC	-	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
MATERIAL						APPLICATION SPEC	-	0	A300779	C=1734100	-		
FINISH						WEIGHT	0	CUSTOMER DRAWING			SCALE	SHEET	REV
-									-	6 OF 6	E2		

7.3	3.5	200	5	1000	5-1734100-4	40
G.W./CARTON (KG)	N.W./CARTON (KG)	PCS/REEL	REEL/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER	PDS.