

4

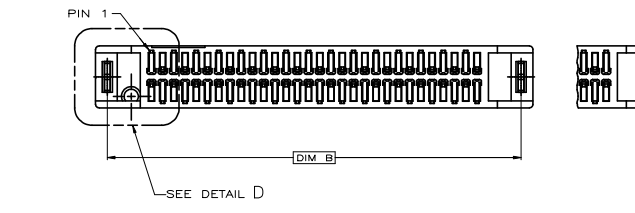
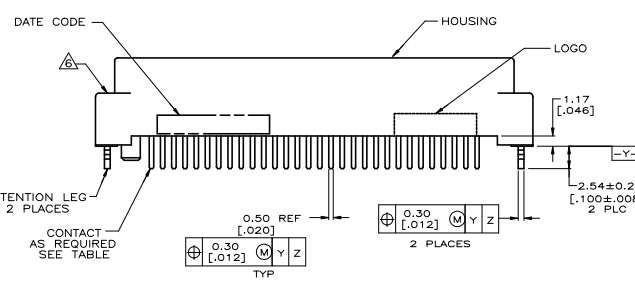
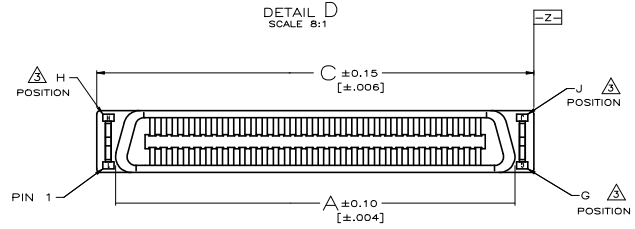
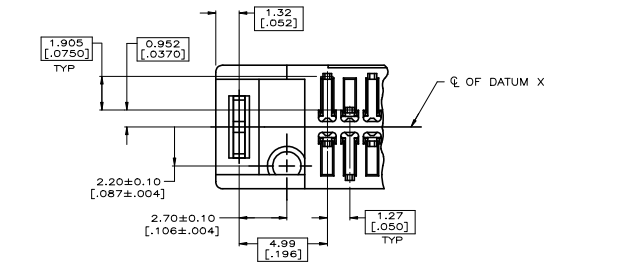
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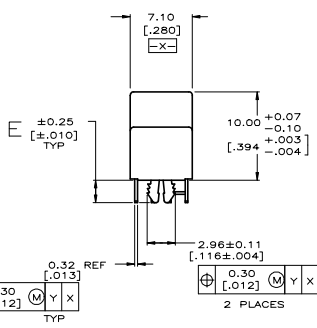
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E2	REVISED PER ECN-23-202744	14MAR2023	IT	WH



- 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 [.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.
OBsolete	0.80-1.60 [.031-.063]	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	
OBsolete	0.80-1.60 [.031-.063]	2.54 [1.00]	93.90 [3.697]	91.26 [3.593]	89.62 [3.528]	65	130	66	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	
OBsolete	2.08 [.082]	3.17 [1.25]	74.85 [2.947]	72.21 [2.843]	70.57 [2.778]	50	100	51	GOLD FLASH	5-1734100-1	100
									0.381mm[15m]	3-1734100-1	
									⚠	1-1734100-1	
									GOLD FLASH	5-1734100-0	
									0.381mm[15m]	3-1734100-0	
									⚠	1-1734100-0	
OBsolete	0.80-1.60 [.031-.063]	2.54 [1.00]	62.15 [2.447]	59.51 [2.343]	57.87 [2.278]	40	80	41	GOLD FLASH	4-1734100-9	80
									0.381mm[15m]	2-1734100-9	
									⚠	1734100-9	
									GOLD FLASH	4-1734100-8	
									0.381mm[15m]	2-1734100-8	
									⚠	1734100-8	
									GOLD FLASH	4-1734100-7	
									0.381mm[15m]	2-1734100-7	
									⚠	1734100-7	
									GOLD FLASH	4-1734100-6	
									0.381mm[15m]	2-1734100-6	
									⚠	1734100-6	
OBsolete	2.08 [.082]	3.17 [1.25]	43.10 [1.697]	40.46 [1.593]	38.82 [1.528]	25	50	26	GOLD FLASH	5-1734100-9	50
									0.381mm[15m]	3-1734100-9	
									⚠	1-1734100-9	
									GOLD FLASH	4-1734100-5	
									0.381mm[15m]	2-1734100-5	
									⚠	1734100-5	
									GOLD FLASH	4-1734100-4	
									0.381mm[15m]	2-1734100-4	
									⚠	1734100-4	
									GOLD FLASH	4-1734100-3	
									0.381mm[15m]	2-1734100-3	
									⚠	1734100-3	
									GOLD FLASH	4-1734100-2	
									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	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC 108-57876		
0 PLC ±- 1 PLC ±- 2 PLC ±- ⚠ 3 PLC ±- 4 PLC ±- ANGLES ±-		APPLICATION SPEC		
MATERIAL SEE NOTE		WEIGHT 0		
FINISH SEE NOTE		SIZE A3 CAGE CODE 00779 DRAWING NO C=1734100 RESTRICTED TO		
		CUSTOMER DRAWING SCALE - SHEET 1 OF 6 REV E2		

4

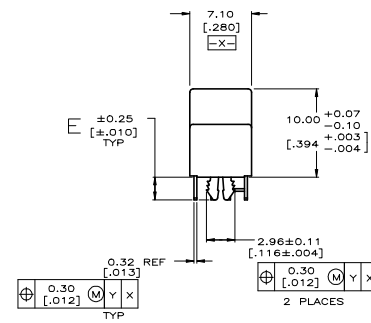
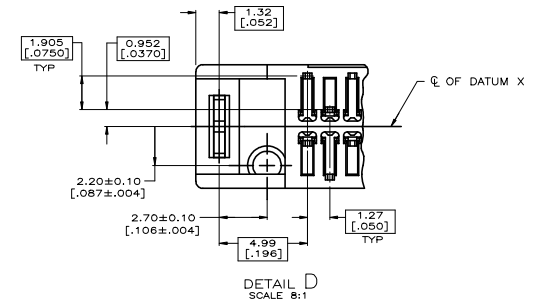
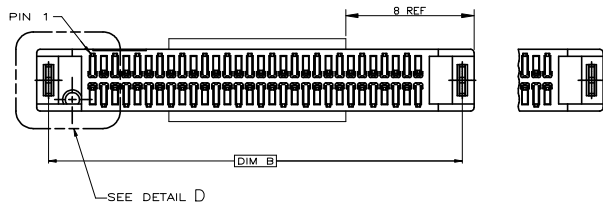
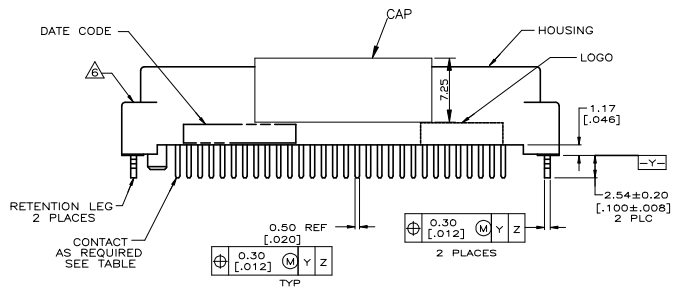
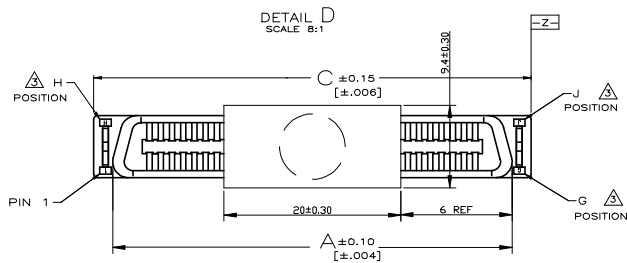
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



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

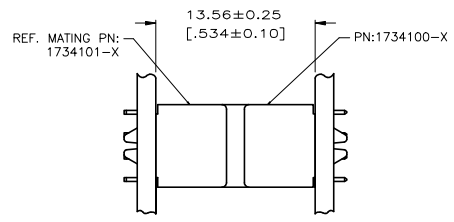
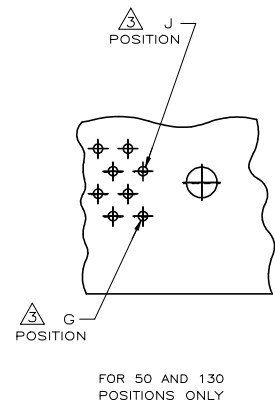
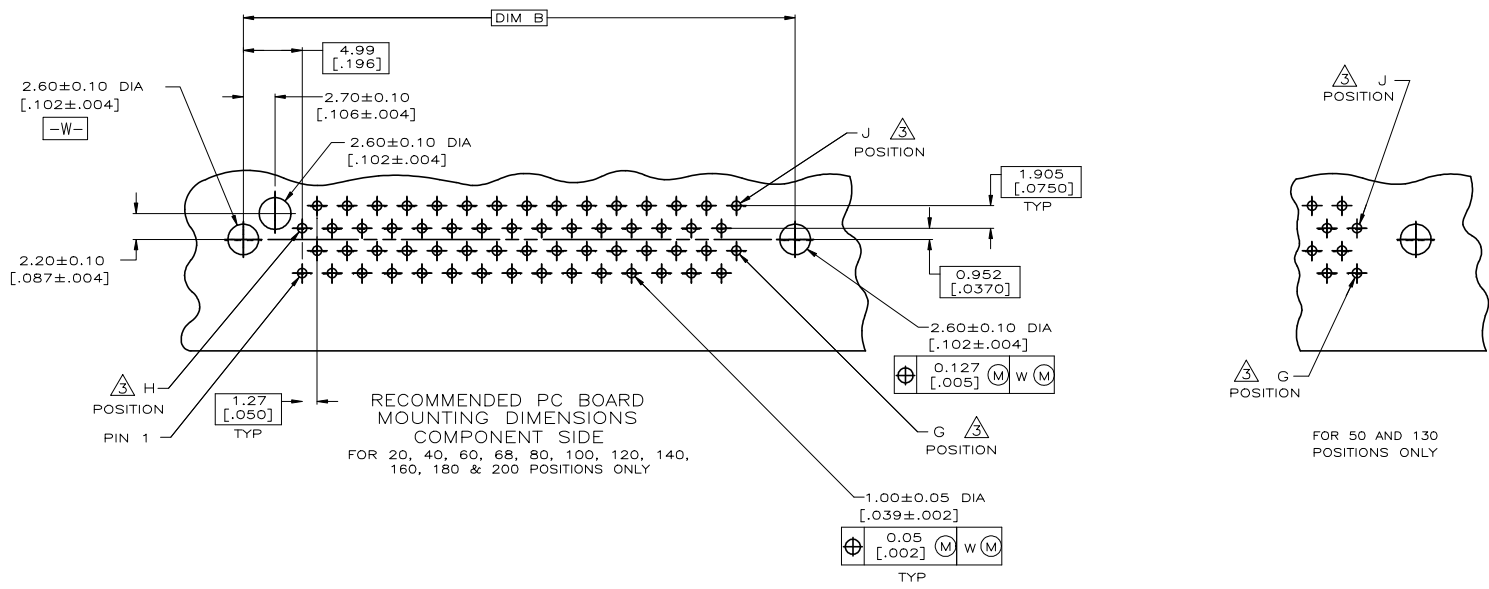
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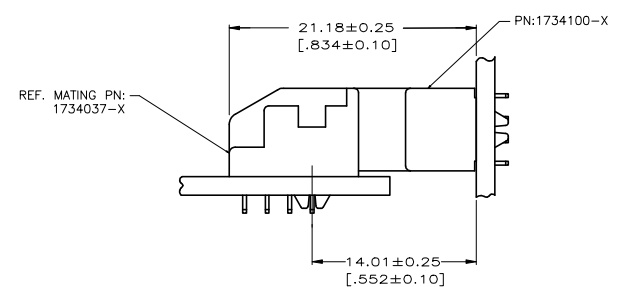
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



VERTICAL PLUG ASSEMBLY MATED TO VERTICAL RECEPTACLE ASSEMBLY



VERTICAL PLUG ASSEMBLY MATED TO RIGHT ANGLE RECEPTACLE ASSEMBLY

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

4

3

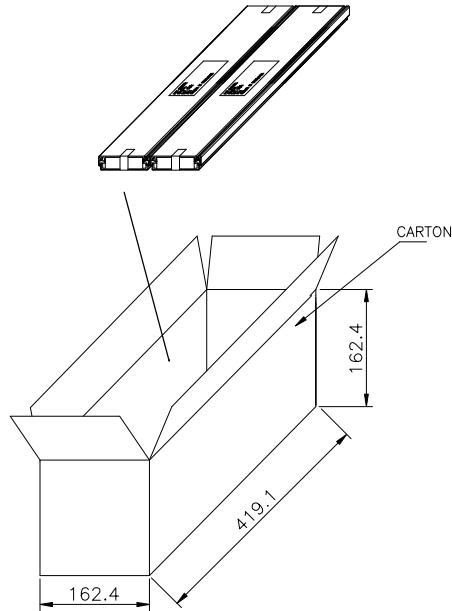
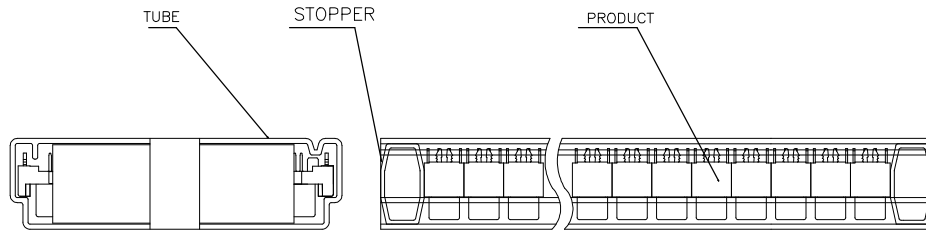
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P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



ⓐ OBSOLETE

ⓐ OBSOLETE

G.W./CARTON	N.W./CARTON	PCS/TUBE	TUBES/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER	PDS.
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	54	16	864	4-1734100-9 2-1734100-9 1734100-9	80
5.38	3.90	54	16	864	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	54	24	1296	5-1734100-9 3-1734100-9 1-1734100-9	50
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

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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	A3
2 PLC ±-		WEIGHT	-	CAGE CODE	00779
3 PLC ±-		CUSTOMER DRAWING		DRAWING NO	C=1734100
4 PLC ±-		SCALE	-	RESTRICTED TO	-
ANGLES ±-		SHEET	4 OF 6	REV	E2
FINISH					

4

3

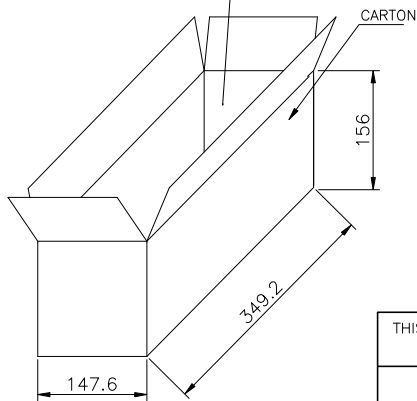
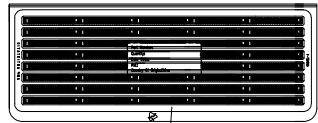
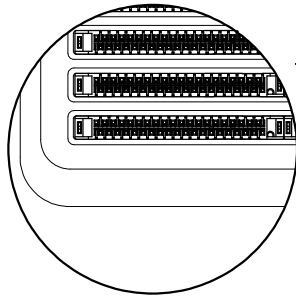
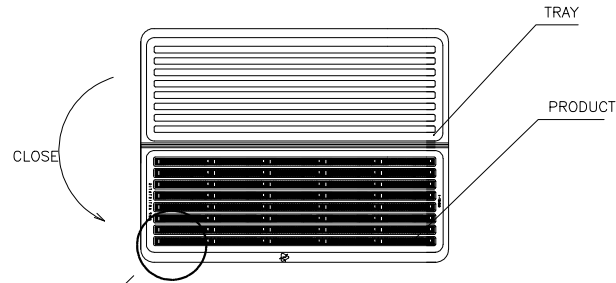
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REVISIONS

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



QTY	G.W./CARTON (KG)	N.W./CARTON (KG)	PCS/TRAY	TRAYS/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER		PDS.
						REV	DATE	
180	2.62	1.73	16	10	160	5-1734100-8	1-1734100-8	180
						3-1734100-8	3-1734100-6	
						1-1734100-6	1-1734100-6	

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

4

3

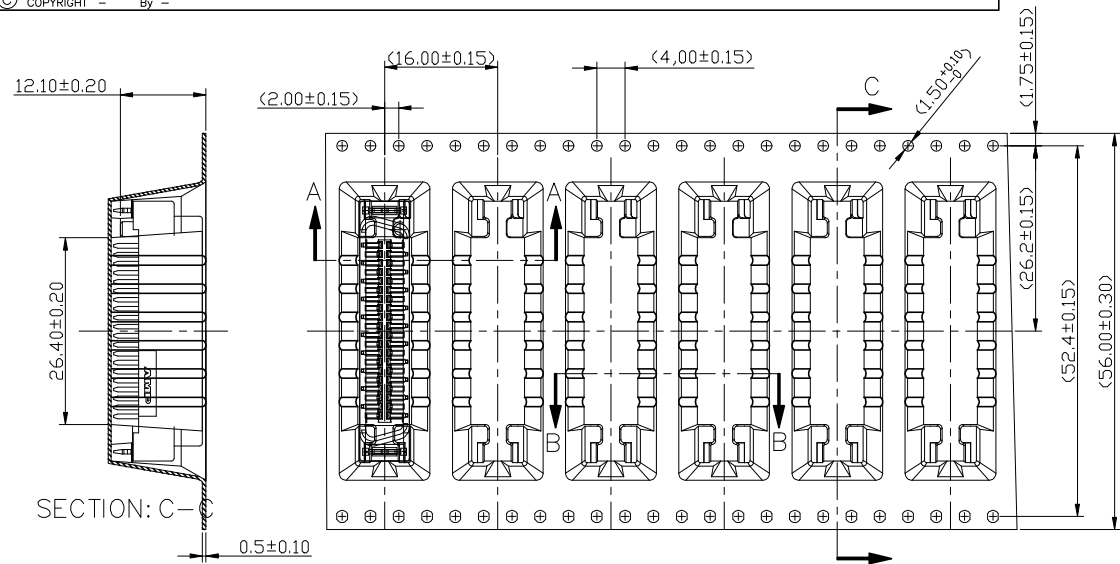
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

D

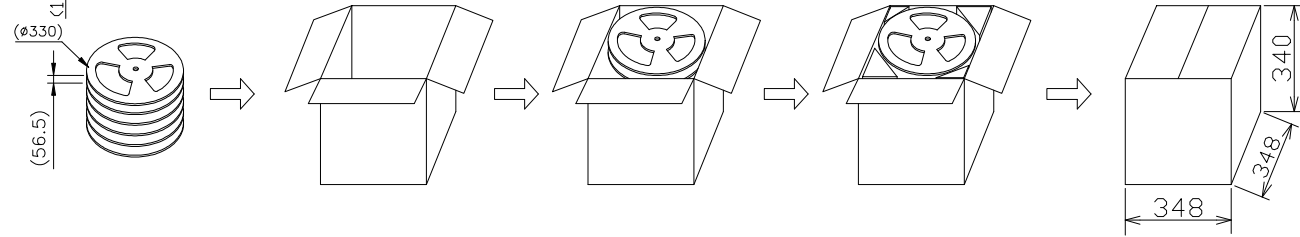
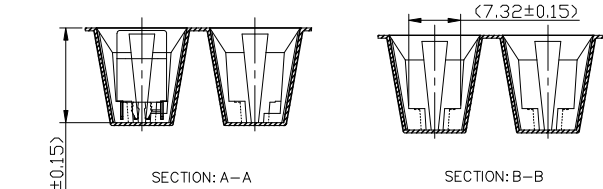


NOTES : (FOR TAPE & REEL)

- 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	-	PRODUCT SPEC			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -						PRODUCT SPEC	-	APPLICATION SPEC			
MATERIAL						WEIGHT	0	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
FINISH						CUSTOMER DRAWING	-	A3	00779	C=1734100	-
G.W./CARTON (KG)						SCALE		SHEET		REV	
N.W./CARTON (KG)						-		6 OF 6		E2	
PCS/REEL						-		-		-	
REEL/CARTON						-		-		-	
QUANTITY/CARTON (PCS)						-		-		-	
PART NUMBER						-		-		-	
PDS.						-		-		-	