

4

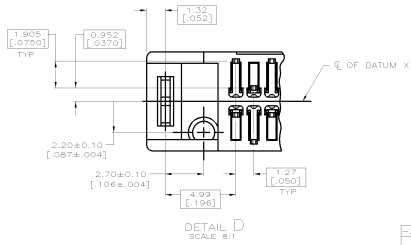
3

2

1

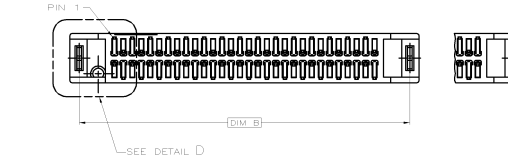
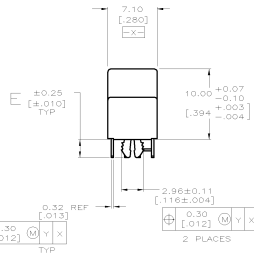
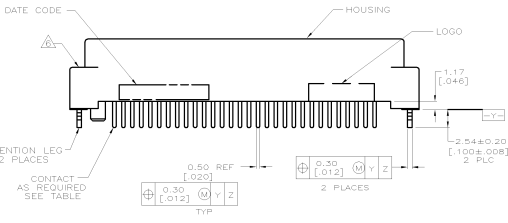
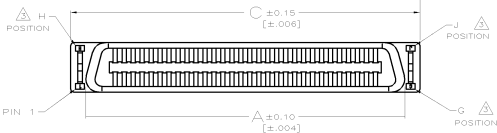
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION AUG. 2006.
 COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
D1		REVISED. (ECR-11-023716)	23NOV11	JC	WK



- NOTE:
- MATERIAL:
HOUSING: LCP, MOLDING COMPOUND, UL 94V-0, BLACK COLOR.
CONTACTS: PHOSPHOR BRONZE.
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 [0.12] 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 PLATED.

0.80-1.60 [0.031-0.063]	2.54 [1.00]	125.65 [4.947]	123.01 [4.843]	121.37 [4.776]	90	180	91	GOLD FLASH	5-1734100-8	180
								0.381µm [15µ]	3-1734100-8	
								△	1-1734100-8	
								GOLD FLASH	5-1734100-6	160
								△	1-1734100-6	
								GOLD FLASH	5-1734100-3	130
								△	1-1734100-3	
								GOLD FLASH	5-1734100-2	120
								△	1-1734100-2	
								GOLD FLASH	5-1734100-1	100
								△	1-1734100-1	
								GOLD FLASH	5-1734100-0	100
								△	1-1734100-0	
								GOLD FLASH	4-1734100-9	80
								△	1734100-9	
								GOLD FLASH	4-1734100-8	80
								△	1734100-8	
								GOLD FLASH	4-1734100-7	68
								△	1734100-7	
								GOLD FLASH	4-1734100-6	60
								△	1734100-6	
								GOLD FLASH	4-1734100-5	50
								△	1734100-5	
								GOLD FLASH	4-1734100-4	40
								△	1734100-4	
								GOLD FLASH	4-1734100-3	30
								△	1734100-3	
								GOLD FLASH	4-1734100-2	20
								△	1734100-2	
								GOLD FLASH	4-1734100-1	20
								△	1734100-1	
								GOLD FLASH	4-1734100-0	20
								△	1734100-0	



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN F. YANG 31MAR2009	 TE Connectivity PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I
0 PLC ± -	1 PLC ± -	CHK S. CHIEN 31MAR2009	
2 PLC ± -	3 PLC ± -	APVD W. KODAMA 31MAR2009	
4 PLC ± -	ANGLES ± -	NAME	
MATERIAL SEE NOTE	FINISH SEE NOTE	PRODUCT SPEC 108-57876	QUALIFICATION TEST REPORT
		WEIGHT	SIZE CAGE CODE DRAWING NO RESTRICTED TO
		CUSTOMER DRAWING	A3 00779 C-1734100
		SCALE	SHEET 1 of 4 REV D1

4

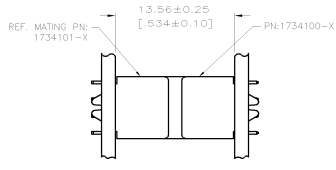
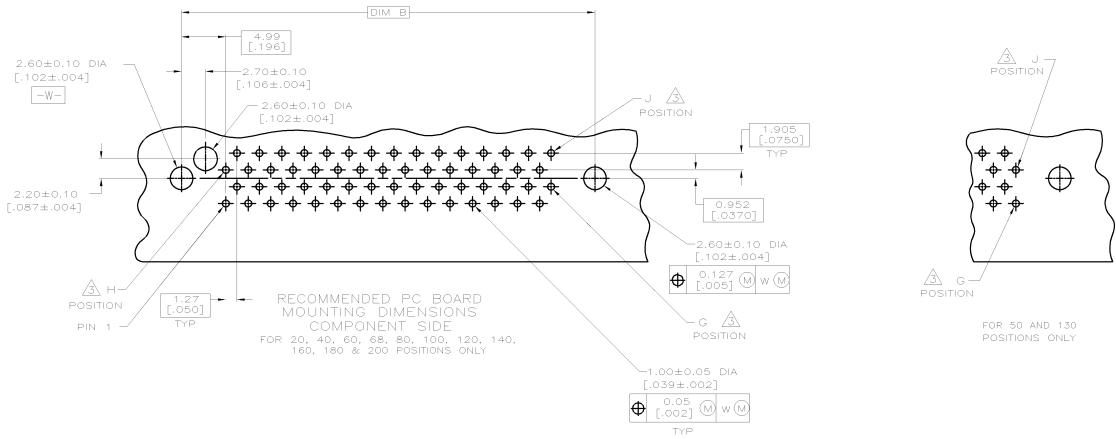
3

2

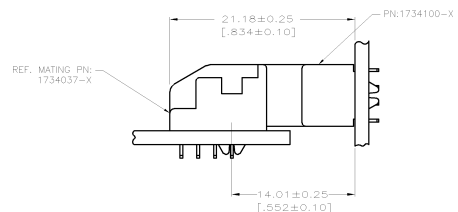
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION AUG. 2006.
 COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	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	STE TE Connectivity	
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 ± -		QUALIFICATION TEST REPORT	SIZE	CAGE CODE
2 PLC ± -		WEIGHT	A3	00779
3 PLC ± -		CUSTOMER DRAWING	DRAWING NO	1734100
4 PLC ± -		SCALE	RESTRICTED TO	
ANGLES ± -		SHEET	2 OF 4	
MATERIAL FINISH		REV	D1	

AMP 1470-19 REV 31MAR2000

4

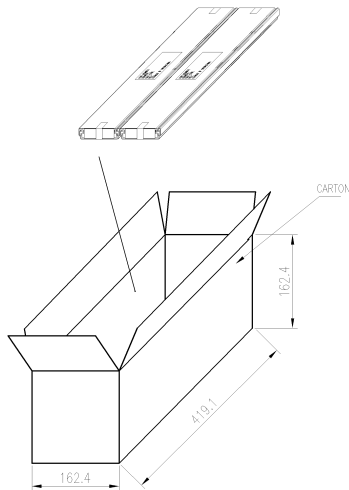
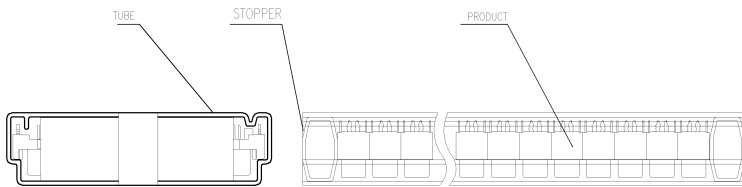
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION AUG. 2006.
 © COPYRIGHT - BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
SEE SHEET 1.						



G.W./CARTON (KG)	N.W./CARTON (KG)	PCS/TUBE	TUBES/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER	POS.
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				4-1734100-8 2-1734100-8 1734100-8	
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				4-1734100-5 2-1734100-5 1734100-5	
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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0 PLC ± -	1 PLC ± -	2 PLC ± -	3 PLC ± -	4 PLC ± -	ANGLES ± -	FINISH
		STE TE Connectivity NAME: PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-1734100 WEIGHT: - RESTRICTED TO: - CUSTOMER DRAWING SCALE: - SHEET: 3 of 4 REV: D1						

4

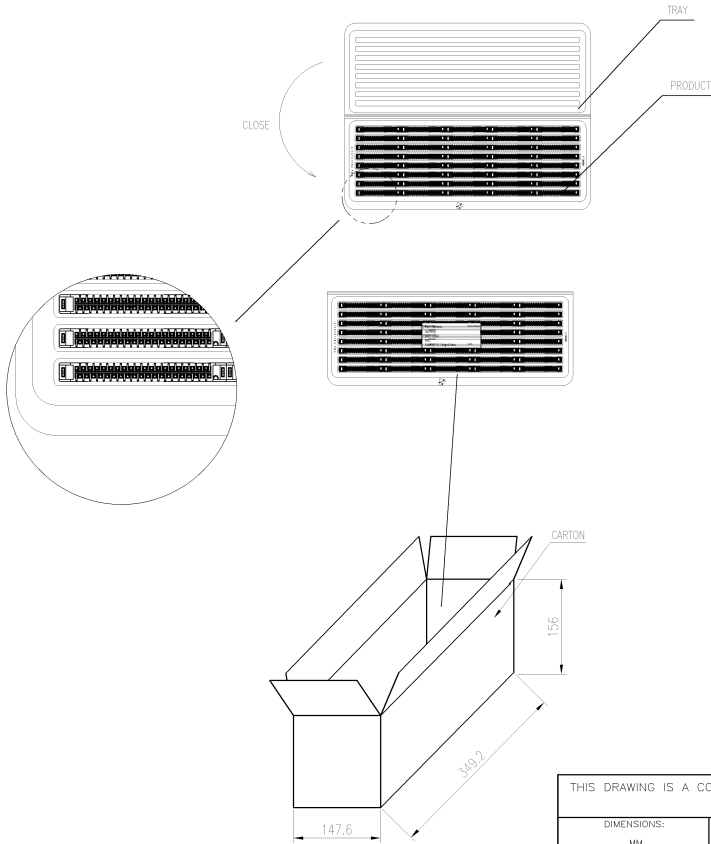
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION AUG. 2006.
 © COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
		SEE SHEET 1.				



2.85	1.97	16	10	160	5-1734100-B 3-1734100-B 1-1734100-B	180
2.62	1.73	16	10	160	5-1734100-6 3-1734100-6 1-1734100-6	160
G.W./CARTON (KG)	N.W./CARTON (KG)	PCS/TRAY	TRAYS/CARTON	QUANTITY/CARTON (PCS)	PART NUMBER	POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	STE TE Connectivity	
DIMENSIONS: MM		CHK		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	NAME	
0 PLC ± .1		PRODUCT SPEC	PLUG ASSEMBLY, VERTICAL BOARD-TO-BOARD, CHAMP .050, SERIES I	
1 PLC ± .1		QUALIFICATION TEST REPORT	SIZE CAGE CODE DRAWING NO	
2 PLC ± .1		WEIGHT	A3 00779 C-1734100	
3 PLC ± .1		CUSTOMER DRAWING	RESTRICTED TO	
4 PLC ± .1		SCALE	SHEET 4 OF 4 REV D1	
MATERIAL FINISH				