

4

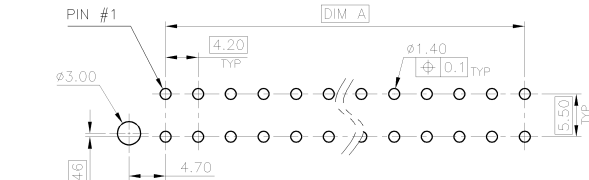
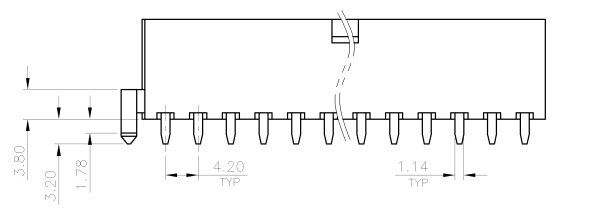
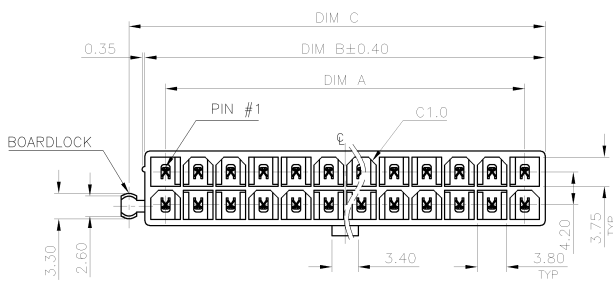
3

2

1

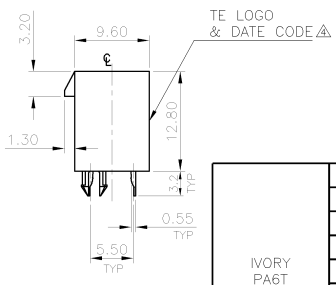
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT 2010 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
D3		REVISED (ECR-11-023740, RELEASED PN 5-1775099-2)	22NOV'11	E.L.	W.K.



RECOMMENDED PCB LAYOUT
 TOLERANCE: ±0.05 T=1.6mm

- NOTE:
 1. MATERIAL:
 HOUSING: PA6T OR PA66, UL94 V-0, COLOR: (SEE TABLE).
 CONTACTS: BRASS.
 2. FINISH:
 CONTACTS: 3.05um [120u"] MIN. MATTE-TIN.
 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
 3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
 109-202, CONDITION B.
 ⚠ NO TE LOGO AND DATE CODE ON THE PRODUCT WITH 4 POS.
 5. THE KEY IDENTIFIED WAS SHOWN ON PAGE 5.



ONE BOARDLOCK (LEFT)

HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	DIM C	POS.	PART NUMBER
IVORY PA6T	5.40	46.2	51.5	53.55	24	1-1775099-3
	1.13	4.2	9.5	11.55	4	1-1775099-2
	4.30	37.8	43.1	45.15	20	1-1775099-1
	3.90	33.6	38.9	40.95	18	1-1775099-0
	3.11	25.2	30.5	32.55	14	1775099-9
	2.71	21.0	26.3	28.35	12	1775099-8
	2.31	16.8	22.1	24.15	10	1775099-7
	1.52	8.4	13.7	15.75	6	1775099-6
IVORY PA66	1.92	12.6	17.9	19.95	8	1775099-5
	5.40	46.2	51.5	53.55	24	1775099-4
TRANSPARENCY PA66	1.13	4.2	9.5	11.55	4	1775099-3
	5.40	46.2	51.5	53.55	24	1775099-2
1.13	4.2	9.5	11.55	4	1775099-1	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN: B. HSING 15JUL2009	 TE Connectivity ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE
	0 PLC ±	CHK: S. CHIEN 15JUL2009	
	1 PLC ±0.3	APVD: W. KODAMA 15JUL2009	
	2 PLC ±0.2	NAME:	
3 PLC ±0.15	PRODUCT SPEC	108-57560	
4 PLC ±	APPLICATION SPEC	SEE TABLE	
ANGLES ± 3°		WEIGHT	
MATERIAL: SEE NOTE	FINISH: SEE NOTE	SIZE: A3	CAGE CODE: 00779
		DRAWING NO: C-1775099	RESTRICTED TO: -
		CUSTOMER DRAWING	SCALE: - SHEET: 1 OF 6 REV: D3

4

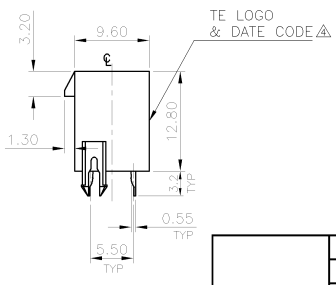
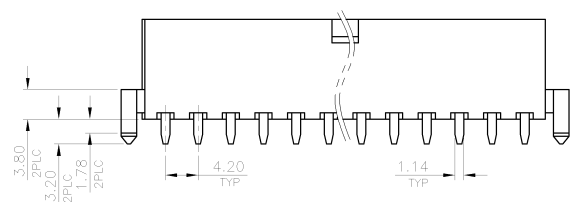
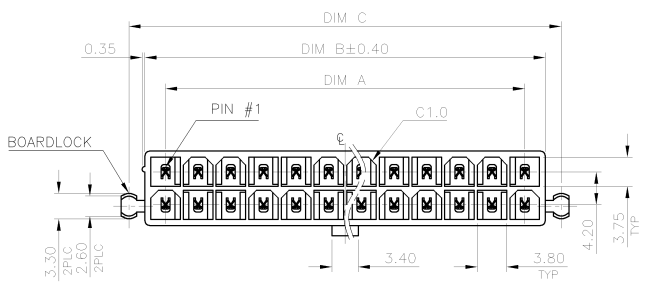
3

2

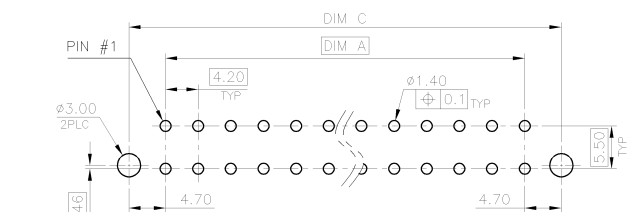
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT 2010 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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



TWO BOARDLOCK



RECOMMENDED PCB LAYOUT
 TOLERANCE: ±0.05 T=1.6mm

- NOTE:
 1. MATERIAL:
 HOUSING: PA6T, UL94 V-0, COLOR: (SEE TABLE).
 CONTACTS: BRASS.
 2. FINISH:
 CONTACTS: 3.05um [120u"] MIN. MATTE-TIN.
 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
 3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
 109-202, CONDITION B.
 ⚠ NO TE LOGO AND DATE CODE ON THE PRODUCT WITH 4 POS.
 5. THE KEY IDENTIFIED WAS SHOWN ON PAGE 5.

IVORY PA6T	3.54	29.4	34.7	38.8	16	2-1775099-9
	5.43	46.2	51.5	55.6	24	2-1775099-8
	4.33	37.8	43.1	47.2	20	2-1775099-7
	3.93	33.6	38.9	43.0	18	2-1775099-6
	3.14	25.2	30.5	34.6	14	2-1775099-5
	2.74	21.0	26.3	30.4	12	2-1775099-4
	2.34	16.8	22.1	26.2	10	2-1775099-3
	1.95	12.6	17.9	22.0	8	2-1775099-2
	1.55	8.4	13.7	17.8	6	2-1775099-1
	1.16	4.2	9.5	13.6	4	2-1775099-0
HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	DIM C	POS.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ± -
	1 PLC ± 0.3
	2 PLC ± 0.2
	3 PLC ± 0.15
	4 PLC ± -
	ANGLES ± 3°
MATERIAL	FINISH

DWN	CHK	APVD	PRODUCT SPEC	APPLICATION SPEC	WEIGHT	CUSTOMER DRAWING
TE Connectivity						
ATX POWER CONNECTOR						
4.2mm PITCH, VERTICAL, DIP TYPE						
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO			
A3	00779	C-1775099				
SCALE	SHEET	2 of 6	REV	D3		

4

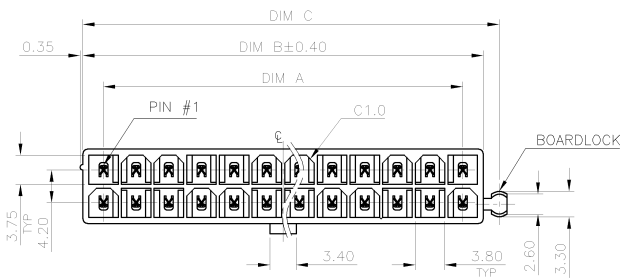
3

2

1

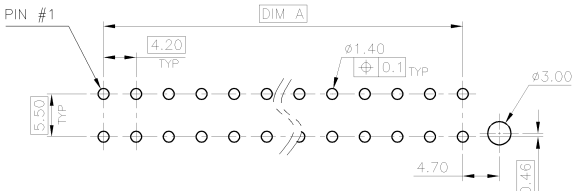
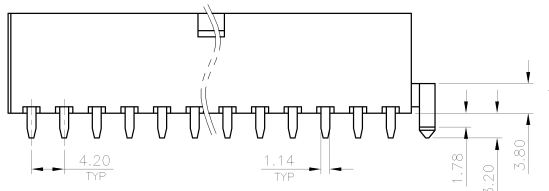
THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT 2010 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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



- NOTE:
 1. MATERIAL:
 HOUSING: PA6T, UL94 V-0, COLOR: (SEE TABLE).
 CONTACTS: BRASS.
 2. FINISH:
 CONTACTS: 3.05um [120u"] MIN. MATTE-TIN.
 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
 3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
 109-202, CONDITION B.
 ⚠ NO TE LOGO AND DATE CODE ON THE PRODUCT WITH 4 POS.
 5. THE KEY IDENTIFIED WAS SHOWN ON PAGE 5.

ONE BOARDLOCK (RIGHT)



RECOMMENDED PCB LAYOUT
 TOLERANCE: ±0.05 T=1.6mm

IVORY PA6T	5.40	46.2	51.5	53.55	24	3-1775099-8
	4.30	37.8	43.1	45.15	20	3-1775099-7
3.90	33.6	38.9	40.95	18	3-1775099-6	
3.11	25.2	30.5	32.55	14	3-1775099-5	
2.71	21.0	26.3	28.35	12	3-1775099-4	
2.31	16.8	22.1	24.15	10	3-1775099-3	
1.92	12.6	17.9	19.95	8	3-1775099-2	
1.52	8.4	13.7	15.75	6	3-1775099-1	
1.13	4.2	9.5	11.55	4	3-1775099-0	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
0 PLC	±
1 PLC	±0.3
2 PLC	±0.2
3 PLC	±0.15
4 PLC	±
ANGLES	± 3°

THIS DRAWING IS A CONTROLLED DOCUMENT.

TE Connectivity

ATX POWER CONNECTOR
 4.2mm PITCH, VERTICAL, DIP TYPE

SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-1775099

RESTRICTED TO: []

SCALE: [] SHEET: 3 of 6 REV: D3

4

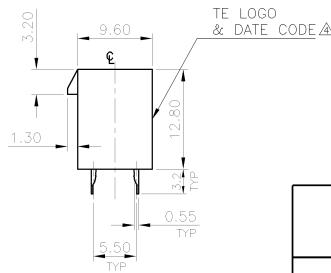
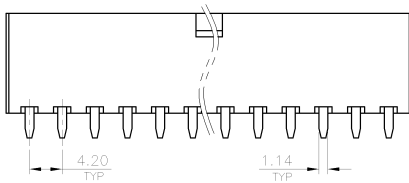
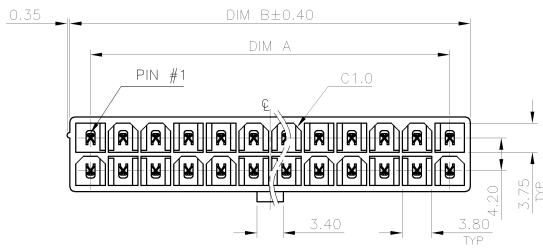
3

2

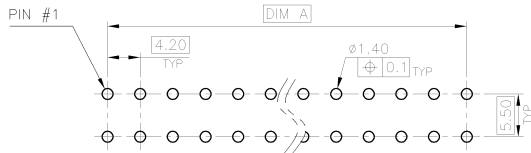
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT 2010 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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



NO BOARDLOCK



RECOMMENDED PCB LAYOUT
 TOLERANCE: ±0.05 T=1.6mm

- NOTE:
 1. MATERIAL:
 HOUSING: PA6T OR PA9T, UL94 V-0, COLOR: (SEE TABLE).
 CONTACTS: BRASS.
 2. FINISH:
 CONTACTS: 3.05um [120u"] MIN. MATTE-TIN.
 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
 3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
 109-202, CONDITION B.
 4. NO TE LOGO AND DATE CODE ON THE PRODUCT WITH 4 POS.
 5. THE KEY IDENTIFIED WAS SHOWN ON PAGE 5.

HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	POS.	PART NUMBER
IVORY PA9T	2.28	16.8	22.1	10	5-1775099-3
	1.89	12.6	17.9	8	5-1775099-2
	1.49	8.4	13.7	6	5-1775099-1
IVORY PA6T	5.37	46.2	51.5	24	4-1775099-8
	4.27	37.8	43.1	20	4-1775099-7
	3.87	33.6	38.9	18	4-1775099-6
	3.08	25.2	30.5	14	4-1775099-5
	2.68	21.0	26.3	12	4-1775099-4
	2.28	16.8	22.1	10	4-1775099-3
	1.89	12.6	17.9	8	4-1775099-2
1.49	8.4	13.7	6	4-1775099-1	
1.10	4.2	9.5	4	4-1775099-0	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	 TE Connectivity NAME ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE		
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK			
mm		APVD			
		PRODUCT SPEC			
	0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± - ANGLES ± 3°	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO RESTRICTED PO A3 00779 C-1775099		
MATERIAL	FINISH	WEIGHT	SEE TABLE	SCALE SHEET 4 OF 6 REV D3	
		CUSTOMER DRAWING			

4

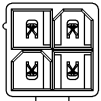
3

2

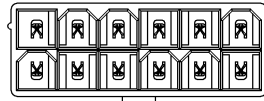
1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT 2010 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

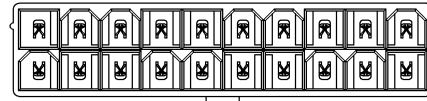
LOC	DIST	REVISIONS					
DW		P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.					



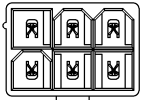
4 POS



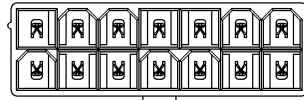
12 POS



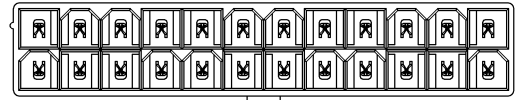
20 POS



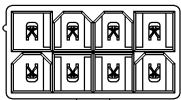
6 POS



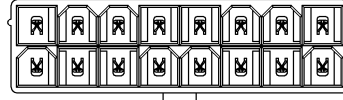
14 POS



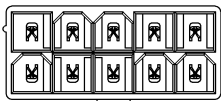
24 POS



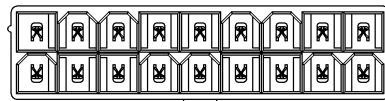
8 POS



16 POS



10 POS



18 POS

KEY POSITION IDENTIFIED
(TOP VIEW)

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: mm		CHK	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE	
0 PLC	±	PRODUCT SPEC	SIZE	CAGE CODE
1 PLC	±0.3	APPLICATION SPEC	A3	00779
2 PLC	±0.2	WEIGHT	DRAWING NO C-1775099	
3 PLC	±0.15	CUSTOMER DRAWING	SCALE	SHEET
4 PLC	±			5 of 6
ANGLES	± 3°			REV D3

4

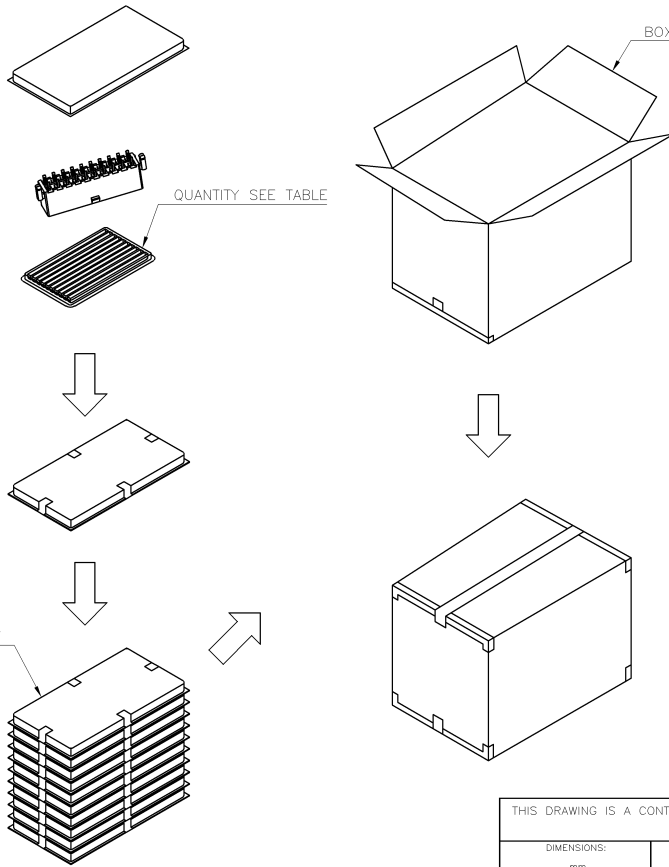
3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
 © COPYRIGHT 2010 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

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



NOTES:
 1. TRAY : PVC, SIZE: 330mm(L)X 265mm(W)X 22mm(H).
 2. BOX : CORRUGATED, SIZE: 350mm(L)X 279mm(W)X 195mm(H).
 3. QUANTITY: SEE TABLE.

5.94	4.34	80	10	800	24	2
5.93	4.33	100	10	1000	20	
5.53	3.93	100	10	1000	18	
5.85	4.25	120	10	1200	16	
6.00	4.40	140	10	1400	14	
5.98	4.38	160	10	1600	12	
5.81	4.21	180	10	1800	10	
5.89	4.29	220	10	2200	8	
5.94	4.34	280	10	2800	6	
5.78	4.18	360	10	3600	4	
5.92	4.32	80	10	800	24	
5.90	4.30	100	10	1000	20	
6.28	4.68	120	10	1200	18	
5.95	4.35	140	10	1400	14	
5.94	4.34	160	10	1600	12	
6.22	4.62	200	10	2000	10	
6.21	4.61	240	10	2400	8	
6.16	4.56	300	10	3000	6	
6.35	4.75	420	10	4200	4	
5.90	4.30	80	10	800	24	
5.87	4.27	100	10	1000	20	
6.24	4.64	120	10	1200	18	
5.91	4.31	140	10	1400	14	
6.42	4.82	180	10	1800	12	
6.16	4.56	200	10	2000	10	
6.51	4.91	260	10	2600	8	
6.67	5.07	340	10	3400	6	
6.88	5.28	480	10	4800	4	
GROSS WEIGHT	NET WEIGHT	PCS /TRAY	TRAYS /BOX	PCS /BOX	POS.	NO. OF BOARDLOCK

10 TRAY

QUANTITY SEE TABLE

BOX

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
0 PLC	±	0.3	
1 PLC	±	0.3	
2 PLC	±	0.2	
3 PLC	±	0.15	
4 PLC	±	0.15	
ANGLES	±	3°	
MATERIAL	FINISH		

DWN	CHK	TE Connectivity	
APVD	NAME	ATX POWER CONNECTOR	
PRODUCT SPEC	4.2mm PITCH, VERTICAL, DIP TYPE		RESTRICTED PO
APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
WEIGHT	A3	00779	C=1775099
CUSTOMER DRAWING	SCALE	SHEET	6 OF 6
		REV	D3