

RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05 T=1.6mm

TOLERANCE

LINEAR ANGLES

X±0.40 X±

Umax 东莞市友贸实业有限公司
DONGGUAN UMAXCONN ENTERPRISE LIMITED

TITLE:

ATX POWER CONNECTOR
4.2mm PITCH, VERTICAL, DIP TYPE

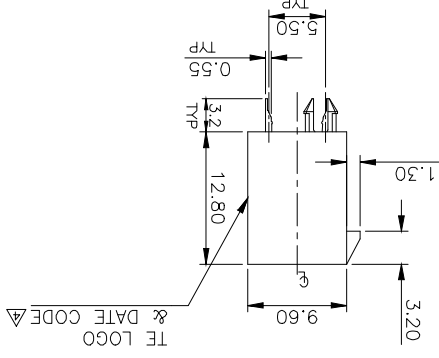
SEE TABLE PART NO.

DWG NO. C-5099

REV ECN NO. NAME DATE 'XX±0.10 'XX± DRWN: Terry Q'TY: FINISH: UNITS SCALE SHEET REV

CUSTOMER 8

HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	DIM C	POS.	PART NUMBER
IVORY PA9T	1.92	12.6	17.9	19.95	8	5099-5
	1.52	8.4	13.7	15.75	6	5099-6
	2.31	16.8	22.1	24.15	10	5099-7
	2.71	21.0	26.3	28.35	12	5099-8
	3.11	25.2	30.5	32.55	14	5099-9
	3.90	33.6	38.9	40.95	18	1-5099-0
	4.30	37.8	43.1	45.15	20	1-5099-1
	1.13	4.2	9.5	11.55	4	1-5099-2
	5.40	46.2	51.5	53.55	24	1-5099-3
	1.52	8.4	13.7	15.75	6	6-5099-6



ONE BOARDLOCK (LEFT)

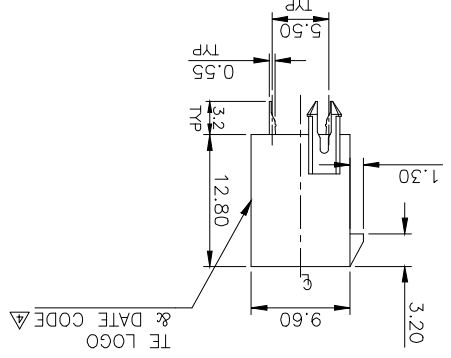
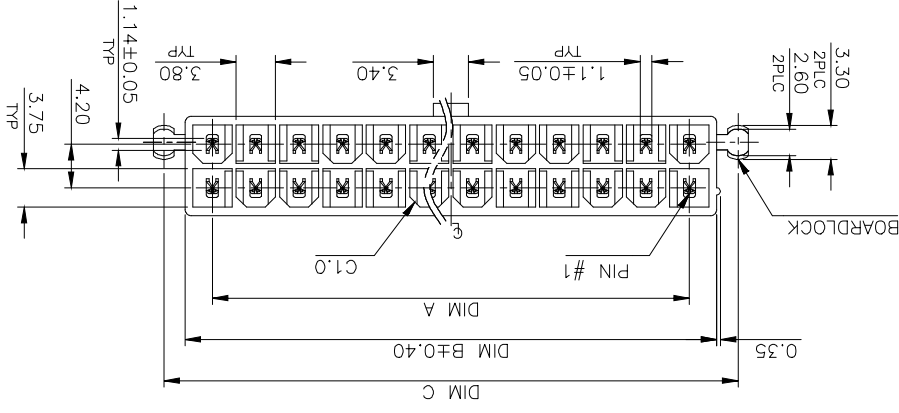
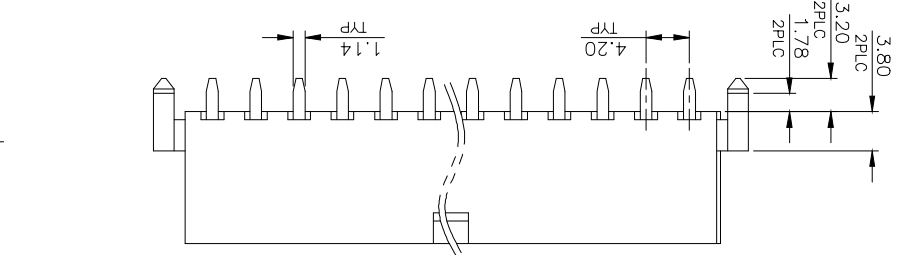
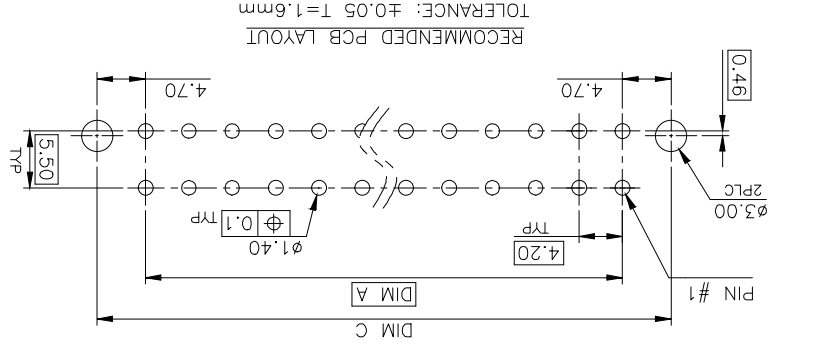
- NOTE:
- MATERIAL: HOUSING: PA9T, UL94 V-0, COLOR: (SEE TABLE). CONTACTS: BRASS.
 - FINISH: CONTACTS: 3.05um [120u"] MIN. MATTE-TIN. 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER. 3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC. 109-202, CONDITION B.
 - NO TE LOGO AND DATE CODE ON THE PRODUCT WITH 4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

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

1	REV	ECON NO.	NAME	DATE	'XXX±	'XX±	'XX±	DRWN: Terry	Q'TY:	6	7	8 CUSTOMER
					X±0.10	X±0.20	X±0.30	CHKD: Schuml	FINISH:			
					X±	X±0.30	X±	APPD: Jason	MAT'L:			
					X±	X±0.40	X±	DONGGUAN UMAXCONN ENTERPRISE LIMITED				
	TOLERANCE		ANGLES	TITLE: ATX POWER CONNECTOR								
	LINEAR		PART NO. SEE TABLE									
	4.2mm PITCH, VERTICAL, DIP TYPE											

HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	DIM C	POS.	PART NUMBER
IVORY PA9T	1.16	4.2	9.5	13.6	4	2-5099-0
	1.55	8.4	13.7	17.8	6	2-5099-1
	1.95	12.6	17.9	22.0	8	2-5099-2
	2.34	16.8	22.1	26.2	10	2-5099-3
	2.74	21.0	26.3	30.4	12	2-5099-4
	3.14	25.2	30.5	34.6	14	2-5099-5
	3.93	33.6	38.9	43.0	18	2-5099-6
	4.33	37.8	43.1	47.2	20	2-5099-7
	5.43	46.2	51.5	55.6	24	2-5099-8
	3.54	29.4	34.7	38.8	16	2-5099-9

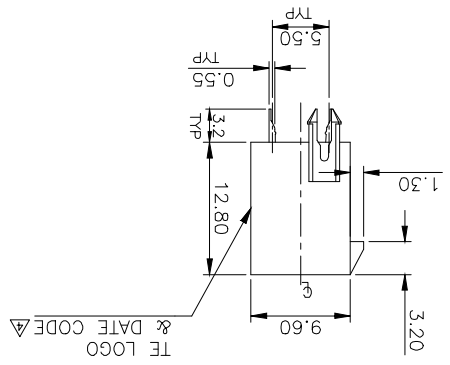
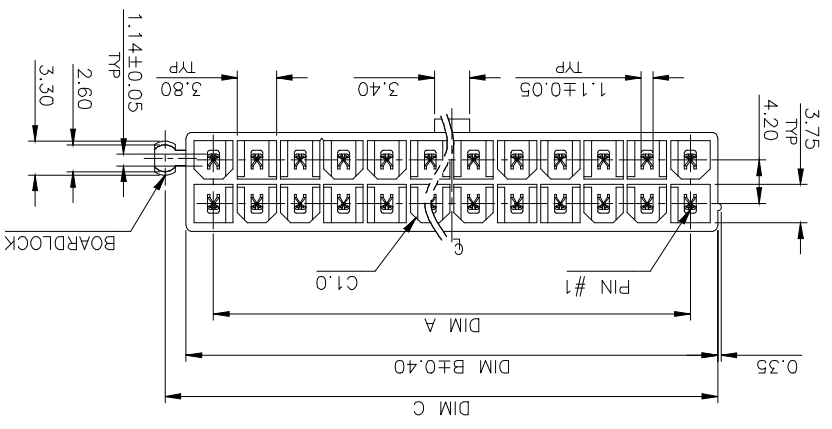
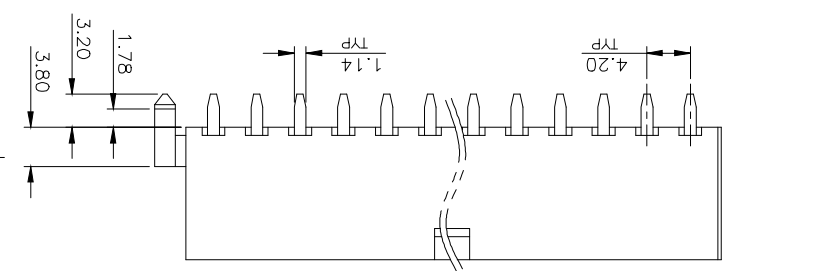
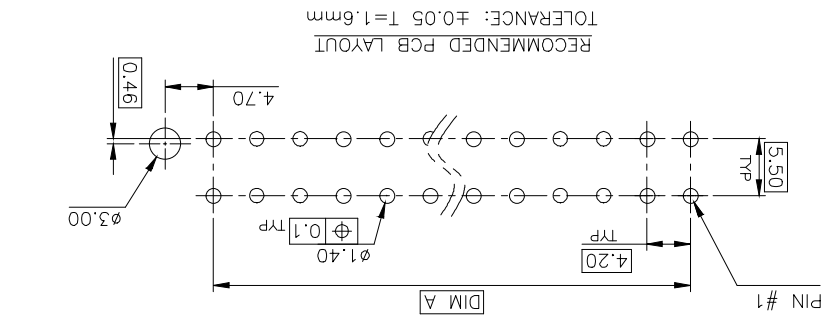


TWO BOARDLOCK

- NOTE:
- 1.MATERIAL: HOUSING: 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.
 - △ NO TE LOGO AND DATE CODE ON THE PRODUCT WITH 4 POS.
 5. THE KEY IDENTIFIED WAS SHOWN ON PAGE 5.

1	REV	ECON NO.	NAME	DATE	'XXX±	'XX±	DRWN: Terry	Q'TY:	6	8 CUSTOMER	
2					'XX±0.10	'XX±0.20	CHKD: Schuml	FINISH:			
3					'X±	'X±0.30	APPD: Jason	MAT'L:			
4					X±	X±0.40	Umax DONGGUAN UMAXCONN ENTERPRISE LIMITED 东莞市友贸实业有限公司				
5	TOLERANCE		ANGLES	LINEAR	TITLE: ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE						
6	PART NO.		SEE TABLE								
7	DWG NO.		C-5099								
8	REV	SHEET	SCALE	1:1	3 OF 6	0	MM				

HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	DIM C	POS.	PART NUMBER
IVORY PA9T	1.13	4.2	9.5	11.55	4	3-5099-0
	1.52	8.4	13.7	15.75	6	3-5099-1
	1.92	12.6	17.9	19.95	8	3-5099-2
	2.31	16.8	22.1	24.15	10	3-5099-3
	2.71	21.0	26.3	28.35	12	3-5099-4
	3.11	25.2	30.5	32.55	14	3-5099-5
	3.90	33.6	38.9	40.95	18	3-5099-6
	4.30	37.8	43.1	45.15	20	3-5099-7
5.40	46.2	51.5	53.55	24	3-5099-8	



ONE BOARDLOCK (RIGHT)

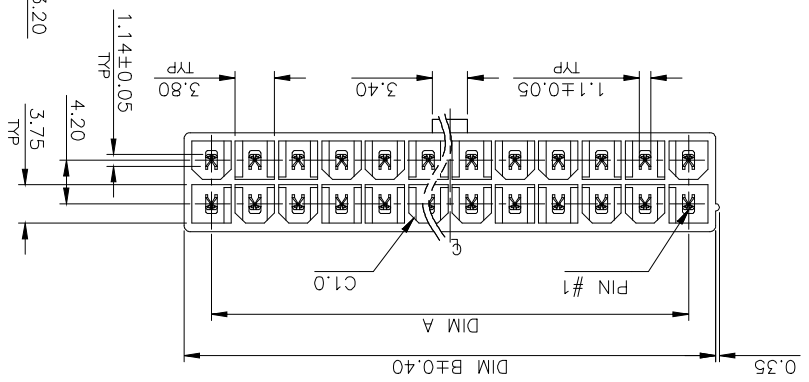
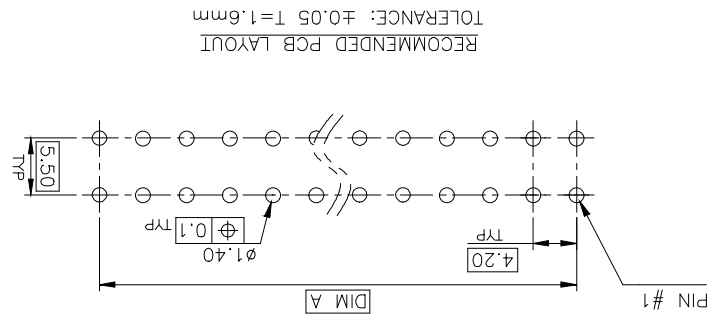
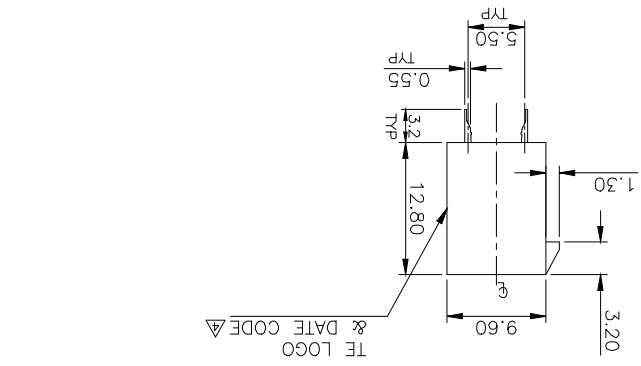
- NOTE:
- MATERIAL: HOUSING: PA9T, UL94 V-0, COLOR: (SEE TABLE).
 - CONTACTS: BRASS.
 - FINISH: CONTACTS: 3.05um [120u"] MIN. MATTE-TIN.
 - 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
 - WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
 - 109-202, CONDITION B.
 - NO TE LOGO AND DATE CODE ON THE PRODUCT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

1	REV	ECON NO.	NAME	DATE	'XXX±	'XX±	'XX±	DRWN: Terry	Q'TY:	6	8 CUSTOMER
2					X±0.10	X±0.20	X±	CHKD: Schuml	FINISH:		
3					X±	X±0.30	X±	APPD: Jason	MAT'L:		
4	TOLERANCE		LINEAR	X±	X±0.40			Umax 东莞市外贸实业有限公司 DONGGUAN UMAGXONN ENTERPRISE LIMITED			
5	TOLERANCE		ANGLES	X±				TITLE: ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE			
6	TOLERANCE							PART NO. SEE TABLE			
7	TOLERANCE							DWG NO. C-5099			
8	TOLERANCE							UNITS: MM			
	TOLERANCE							SCALE: 1:1			
	TOLERANCE							SHEET: 4 OF 6			
	TOLERANCE							REV: 0			

HSG COLOR & MATERIAL	WEIGHT	DIM A	DIM B	POS.	PART NUMBER
IVORY PA9T	1.10	4.2	9.5	4	4-5099-0
	1.49	8.4	13.7	6	4-5099-1
	1.89	12.6	17.9	8	4-5099-2
	2.28	16.8	22.1	10	4-5099-3
	2.68	21.0	26.3	12	4-5099-4
	3.08	25.2	30.5	14	4-5099-5
	3.87	33.6	38.9	18	4-5099-6
	4.27	37.8	43.1	20	4-5099-7
5.37	46.2	51.5	24	4-5099-8	

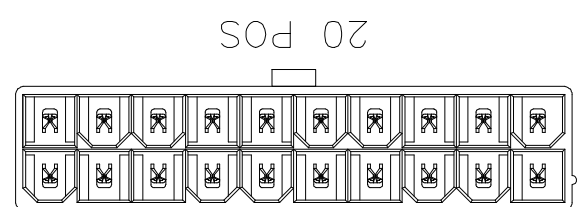
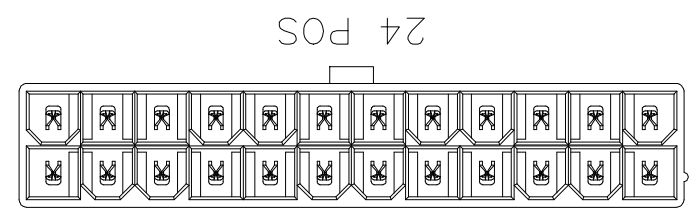
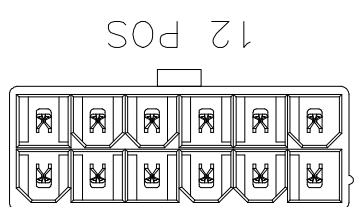
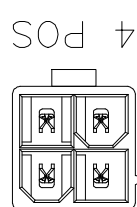
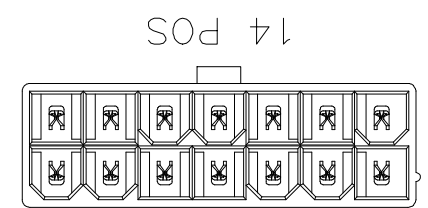
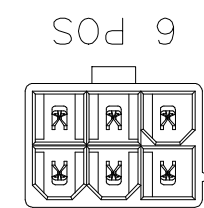
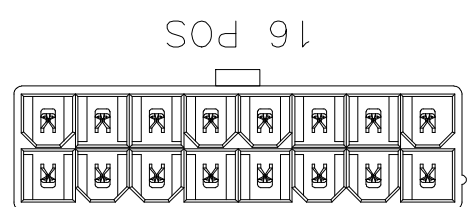
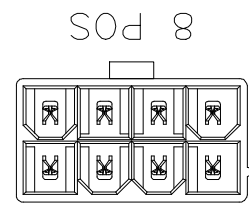
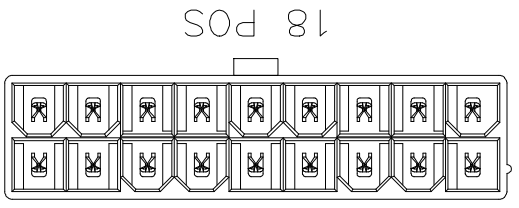
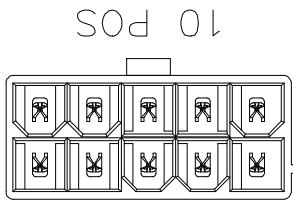
NOTE:
 1. MATERIAL: HOUSING: PA9T, UL94 V-0, COLOR: (SEE TABLE). CONTACTS: BRASS.
 2. FINISH: CONTACTS: 3.05um [120u"] MIN. MATTE-TIN. 1.27um [50u"] MIN. NICKEL UNDERPLATED ALL OVER.
 3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
 109-202, CONDITION B.
 △ NO TE LOGO AND DATE CODE ON THE PRODUCT WITH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

NO BOARDLOCK



1		2		3		4		5		6		7		8	
REV	ECON NO.	NAME	DATE	.XXX±0.10	.XXX±	CHKD:	DRWN:	Q'TY:							
				.XX±0.20	.XX±	Schumi	Terry								
				.X±0.30	.X±	APPJ:	Jason	MAT'L:							
				X±0.40	X±	Umax conn DONGGUAN UMAXCONN ENTERPRISE LIMITED 东莞市外贸实业有限公司									
				TOLERANCE											
				LINEAR											
				ANGLES											
										TITLE: ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE		PART NO. SEE TABLE		DWG NO. C-5099	
										UNITS MM		SCALE 1 : 1		SHEET 5 OF 6	
										REV 0				CUSTOMER 8	

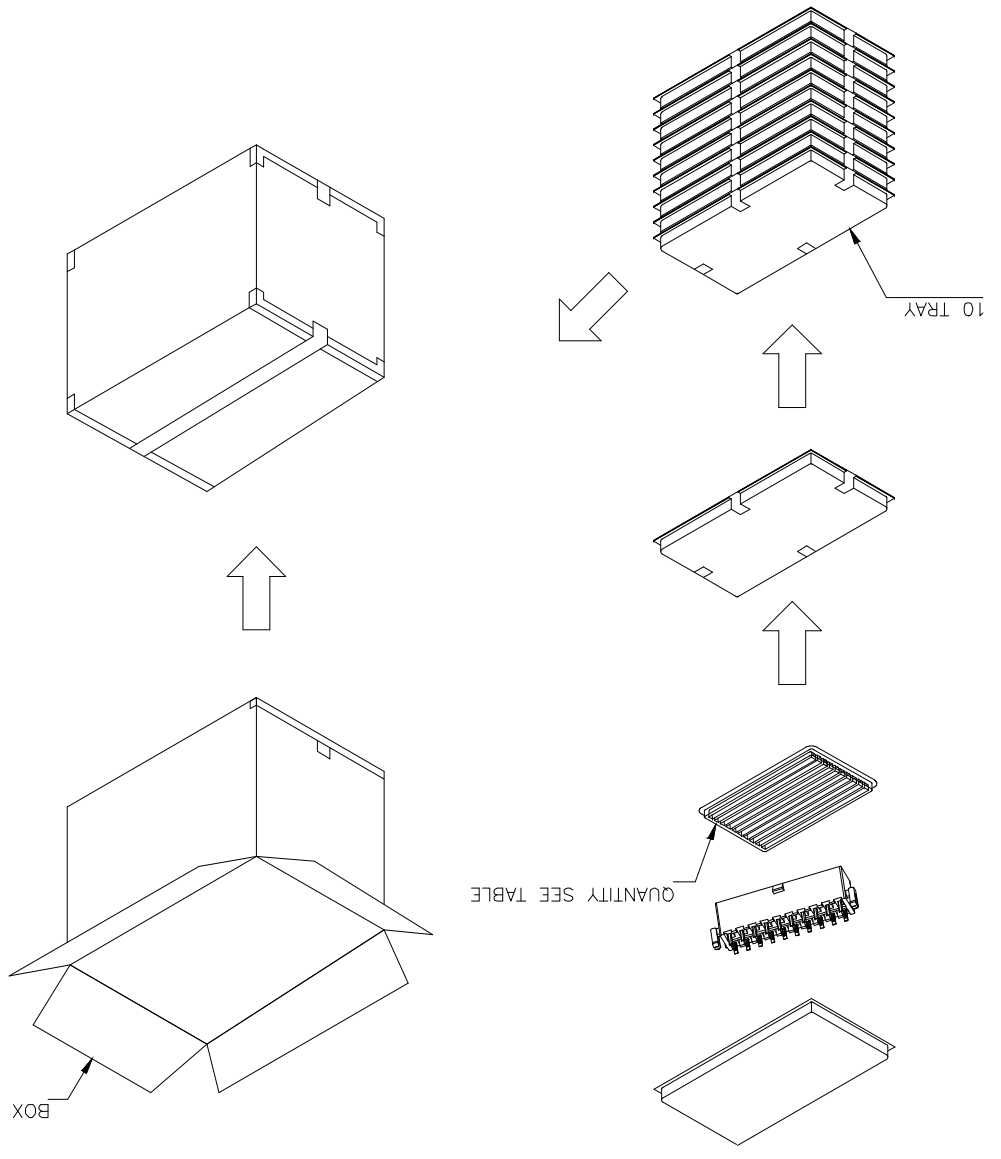
KEY POSITION IDENTIFIED
(TOP VIEW)



1	REV	ECON NO.	NAME	DATE	'XXX±	'XXX±	DRWN: Terry	Q'TY:	6	7	8
2					'XX±0.20	'XX±	CHKD: Schuml	FINISH:			
3					'X±0.30	'X±	APPD: Jason	MAT'L:			
4					X±0.40	X±	Umax 东莞市外贸实业有限公司 conn DONGGUAN UMAXCONN ENTERPRISE LIMITED		TITLE: ATX POWER CONNECTOR 4.2mm PITCH, VERTICAL, DIP TYPE		
5					ANGLES	LINEAR			PART NO. SEE TABLE		
6					TOLERANCE		DWG NO. C-5099 UNITS MM SCALE 1:1 SHEET 6 OF 6 REV 0				
7											
8											

NO. OF BOARDLOCK	POS.	PCS /BOX	TRAYS /BOX	PCS /TRAY	WEIGHT NET	WEIGHT GROSS	0		1		2										
							4	6	4	6	4	6	8	10	12	14	16	18	20	24	
4		4800	10	480	5.28	6.88	4	6	4	6	4	6	8	10	12	14	16	18	20	24	
6		3400	10	340	5.07	6.67	6	8	6	8	6	8	8	10	12	14	16	18	20	24	
8		2600	10	260	4.91	6.51	8	10	8	10	8	10	10	12	14	16	18	20	24	24	
10		2000	10	200	4.56	6.16	10	12	10	12	10	12	12	14	16	18	20	24	24	24	
12		1800	10	180	4.82	6.42	12	14	12	14	12	14	14	16	18	20	24	24	24	24	
14		1400	10	140	4.51	5.91	14	16	14	16	14	16	16	18	20	24	24	24	24	24	
18		1200	10	120	4.64	6.24	18	20	18	20	18	20	18	20	20	24	24	24	24	24	
20		1000	10	100	4.27	5.87	20	24	20	24	20	24	20	24	24	24	24	24	24	24	
24		800	10	80	4.50	5.90	24	4	24	4	24	4	6	8	10	12	14	16	18	20	24
4		4200	10	420	4.75	6.35	4	6	4	6	4	6	6	8	10	12	14	16	18	20	24
6		3000	10	300	4.56	6.16	6	8	6	8	6	8	8	10	12	14	16	18	20	24	24
8		2400	10	240	4.61	6.21	8	10	8	10	8	10	10	12	14	16	18	20	24	24	24
10		2000	10	200	4.62	6.22	10	12	10	12	10	12	12	14	16	18	20	24	24	24	24
12		1600	10	160	4.34	5.94	12	14	12	14	12	14	14	16	18	20	24	24	24	24	24
14		1400	10	140	4.55	5.95	14	16	14	16	14	16	16	18	20	24	24	24	24	24	24
18		1200	10	120	4.68	6.28	18	20	18	20	18	20	18	20	20	24	24	24	24	24	24
20		1000	10	100	4.30	5.90	20	24	20	24	20	24	20	24	24	24	24	24	24	24	24
24		800	10	80	4.52	5.92	24	4	24	4	24	4	6	8	10	12	14	16	18	20	24
4		3600	10	360	4.18	5.78	4	6	4	6	4	6	6	8	10	12	14	16	18	20	24
6		2800	10	280	4.34	5.94	6	8	6	8	6	8	8	10	12	14	16	18	20	24	24
8		2200	10	220	4.29	5.89	8	10	8	10	8	10	10	12	14	16	18	20	24	24	24
10		1800	10	180	4.21	5.81	10	12	10	12	10	12	12	14	16	18	20	24	24	24	24
12		1600	10	160	4.38	5.98	12	14	12	14	12	14	14	16	18	20	24	24	24	24	24
14		1400	10	140	4.40	6.00	14	16	14	16	14	16	16	18	20	24	24	24	24	24	24
16		1200	10	120	4.25	5.85	16	18	16	18	16	18	18	20	24	24	24	24	24	24	24
18		1000	10	100	3.93	5.53	18	20	18	20	18	20	18	20	20	24	24	24	24	24	24
20		1000	10	100	4.53	5.93	20	24	20	24	20	24	20	24	24	24	24	24	24	24	24
24		800	10	80	4.54	5.94	24	4	24	4	24	4	6	8	10	12	14	16	18	20	24

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



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [UMAX](#) manufacturer:

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [891-007-9SS-BST1T](#) [000-34000](#) [0008550134](#) [0009482033](#) [0009507031](#) [57102-F02-18ULF](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [0009508121](#) [0022285053](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [CSU011177004](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [644827-2](#) [647662-1](#) [65039-019ELF](#) [65692-001LF](#) [65781-018](#) [65781-047](#)