

LOC
DW

DIST

REVISIONS

DESCRIPTION

P

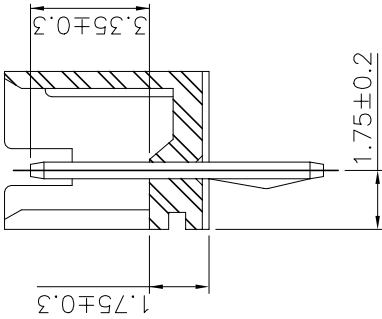
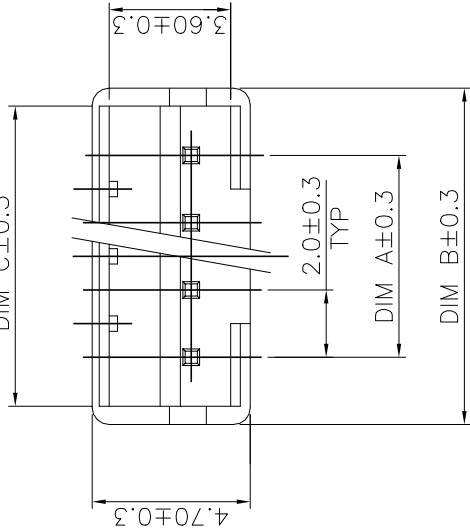
LTR

DATE

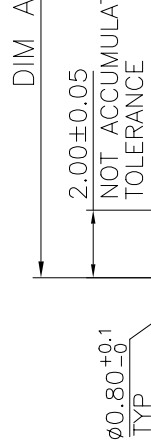
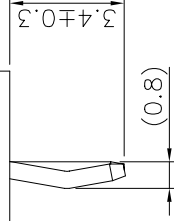
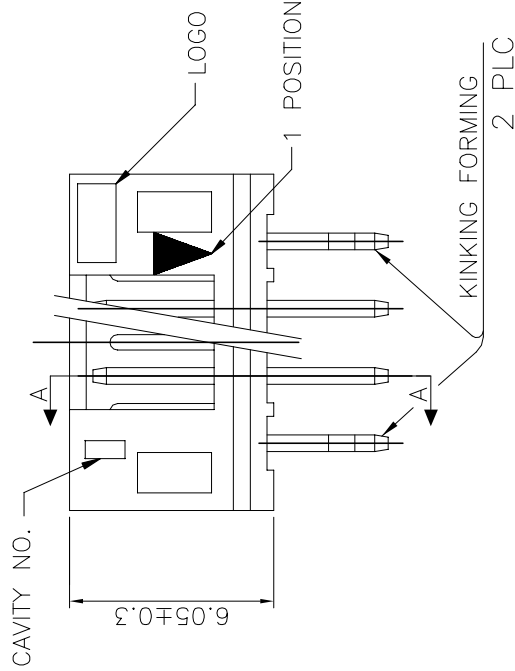
DWN

APVD

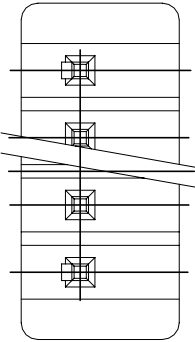
DIM C $\pm$ 0.3



SEC. A-A

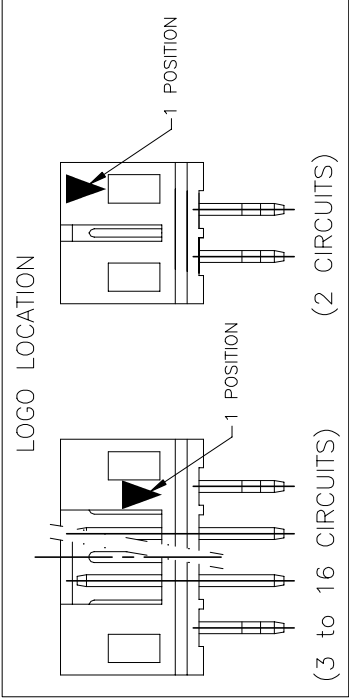


RECOMMENDED PCB LAYOUT
(PCB THK=1.0~1.6)



NOTES:

1. MATERIAL:
HOUSING: NYLON 66, UL94V-0, COLOR: SEE TABLE.
CONTACT: BRASS, THICKNESS=0.50mm.
2. FINISH:
2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.
3. WAVE SOLDER SPEC REFER TO 108-57100.
4. RAISED TYPE PN: 9-440054-2.



TAPE REEL	NATURAL WHITE	14.90	16.00	12.00	7P	9-440054-7
	BROWN	10.90	12.00	8.00	5P	4-440054-1
		22.90	24.00	20.00	11P	9-440054-3
		10.90	12.00	8.00	5P	9-440054-6
	GREEN	8.90	10.00	6.00	4P	3-440054-1
		6.90	8.00	4.00	3P	440054-1
	BLUE	18.90	20.00	16.00	9P	2-440054-1
		16.90	18.00	14.00	8P	2-440054-0
		16.90	18.00	14.00	8P	8-440054-0
		10.90	12.00	8.00	5P	8-440054-5
	RED	8.90	10.00	6.00	4P	8-440054-4
		6.90	8.00	4.00	3P	8-440054-3
		4.90	6.00	2.00	2P	8-440054-2
		10.90	12.00	8.00	5P	6-440054-5
	BLACK	8.90	10.00	6.00	4P	6-440054-4
		6.90	8.00	4.00	3P	6-440054-3
		4.90	6.00	2.00	2P	6-440054-2
		24.90	26.00	22.00	12P	7-440054-6
		22.90	24.00	20.00	11P	7-440054-5
		20.90	22.00	18.00	10P	7-440054-4
	POLY BAG	18.90	20.00	16.00	9P	7-440054-3
		16.90	18.00	14.00	8P	7-440054-2
	YELLOW	14.90	16.00	12.00	7P	7-440054-1
		12.90	14.00	10.00	6P	7-440054-0
		10.90	12.00	8.00	5P	4-440054-5
		8.90	10.00	6.00	4P	4-440054-4
		6.90	8.00	4.00	3P	4-440054-3
	BLUE	4.90	6.00	2.00	2P	4-440054-2
		10.90	12.00	8.00	5P	2-440054-5
		8.90	10.00	6.00	4P	2-440054-4
		6.90	8.00	4.00	3P	2-440054-3
		4.90	6.00	2.00	2P	2-440054-2
		20.90	22.00	18.00	10P	9-440054-0
		32.90	34.00	30.00	16P	1-440054-6
		30.90	32.00	28.00	15P	1-440054-5
		28.90	30.00	26.00	14P	1-440054-4
		26.90	28.00	24.00	13P	1-440054-3
		24.90	26.00	22.00	12P	1-440054-2
		22.90	24.00	20.00	11P	1-440054-1
		20.90	22.00	18.00	10P	1-440054-0
	NATURAL WHITE	18.90	20.00	16.00	9P	440054-9
		16.90	18.00	14.00	8P	3-440054-8
		14.90	16.00	12.00	7P	3-440054-7
		12.90	14.00	10.00	6P	3-440054-6
		10.90	12.00	8.00	5P	3-440054-5
		8.90	10.00	6.00	4P	3-440054-4
		6.90	8.00	4.00	3P	3-440054-3
		4.90	6.00	2.00	2P	3-440054-2
		DIM C	DIM B	DIM A	POS	PART NUMBER
PACKAGE	COLOR	DIM C	DIM B	DIM A	POS	PART NUMBER

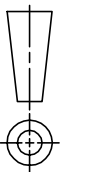
THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN 16JUL2004

TE Connectivity

TOLERANCES UNLESS OTHERWISE SPECIFIED:

- 0 PLC $\pm -$
- 1 PLC ± 0.3
- 2 PLC ± 0.2
- 3 PLC ± 0.15
- 4 PLC $\pm -$



FINISH ANGLES $\pm 3^\circ$

SEE NOTE

SEE NOTE

APVD W.J. KE

PRODUCT SPEC

108-57100

APPLICATION SPEC

WEIGHT $-$ GRAMS

CUSTOMER DRAWING

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE CAGE CODE DRAWING NO

A300779C=440054

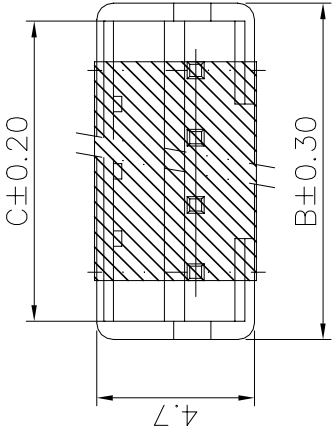
RESTRICTED TO

SHEET 1 OF 9

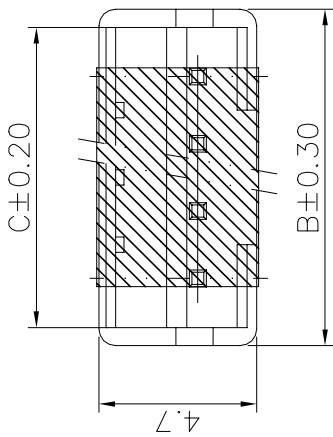
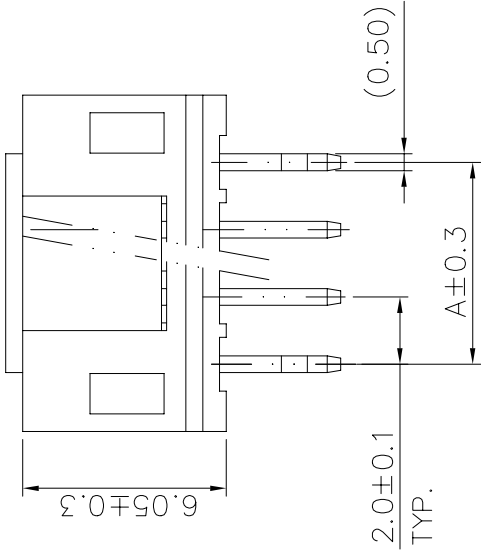
REV F8

4		3		2		1																																									
THIS DRAWING IS UNPUBLISHED.				RELEASED FOR PUBLICATION				AUG ,2006.																																							
© COPYRIGHT 2009				BY TYCO ELECTRONICS CORPORATION.				ALL RIGHTS RESERVED.																																							
D		C		B		A		D		C		B		A																																	
THIS DRAWING IS A CONTROLLED DOCUMENT.																DWN		CHK		APVD		PRODUCT SPEC		APPLICATION SPEC		WEIGHT		POLY BAG PACKAGE		NATURAL WHITE COLOR		PIN 5		4P		9-440054-5											
DIMENSIONS: MM																TOLERANCES UNLESS OTHERWISE SPECIFIED:										TE Connectivity																					
																0 PLC ± -										NAME																					
																1 PLC ± 0.3										2.0 MM PITCH HPI VERTICAL POST HEADERS																					
																2 PLC ± 0.2										RESTRICTED TO																					
																3 PLC ± 0.15										SIZE																					
																4 PLC ± -										CAGE CODE																					
																ANGLES ± 3°										DRAWING NO																					
MATERIAL																FINISH										A300779										C=440054		SCALE		SHEET		2 of 9		REV		F8	
SEE NOTE (PAGE 1.)																SEE NOTE (PAGE 1.)										CUSTOMER DRAWING																					
RECOMMENDER PCB LAYOUT (PCB THK=1.0~1.6mm)																																															

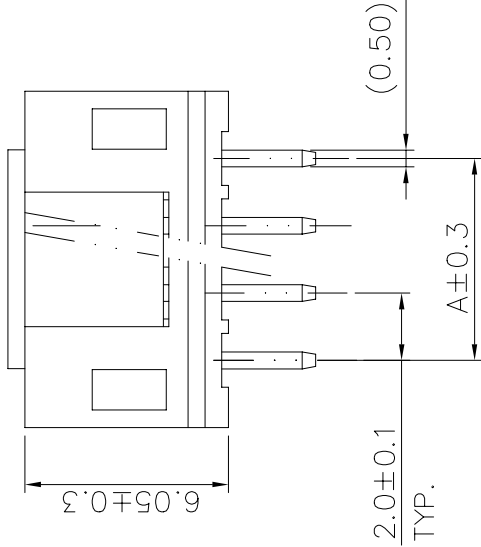
LOC	DIST	REVISIONS			
DW		P	LTR	DATE	APVD
		DESCRIPTION			
		SEE SHEET 1.			



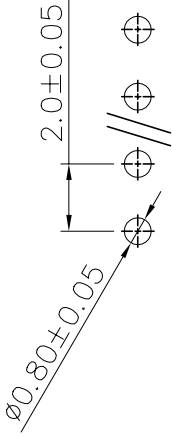
9-440054-1 & 9-440054-4



8-440054-7 & 8-440054-6



- NOTES:
- MATERIAL:
HOUSING: NYLON 6T, UL94V-0, COLOR: SEE TABLE.
CONTACT: BRASS, THICKNESS=0.50mm.
 - FINISH:
 MIN. BRIGHT-TIN PLATING ON CONTACT.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.
 - (SMT) REFLOW PROCESS NEED AFFORD 260°C.
 FINISH:
0.762um[30u"] GOLD PLATING OVER ALL.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.



RECOMMENDED PCB LAYOUT
(PCB THK=1.0MM~1.6MM)

	WITH	TAPE REEL	NATURAL WHITE	14.90	16.00	12.00	7P	8-440054-7
	WITH	TAPE REEL	NATURAL WHITE	8.90	10.00	6.00	4P	8-440054-6
	WITHOUT	TAPE REEL	NATURAL WHITE	8.90	10.00	6.00	4P	9-440054-1
	WITH	TAPE REEL	NATURAL WHITE	8.90	10.00	6.00	4P	9-440054-4
FINISH	CAP	PACKAGE	COLOR	DIM C	DIM B	DIM A	POS	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN				TE Connectivity						
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK		NAME							
MM		0 PLC ± — 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.15 4 PLC ± —		APVD		2.0 MM PITCH HPI VERTICAL POST HEADERS							
		PRODUCT SPEC —		PRODUCT SPEC		—							
		APPLICATION SPEC —		APPLICATION SPEC		—							
MATERIAL		FINISH		WEIGHT		SIZE A3		CAGE CODE 00779		DRAWING NO C=440054		RESTRICTED TO —	
SEE NOTE (PAGE 1.)		SEE NOTE (PAGE 1.)		CUSTOMER DRAWING									
SEE NOTE (PAGE 1.)						SCALE —		SHEET 4 OF 9		REV F8			

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

AUG ,2006.

© COPYRIGHT 2009 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC	DIST	REVISONS		
DW	✓	P	LTR	DATE
		DESCRIPTION		
		SEE SHEET 1.		

POLY BAG

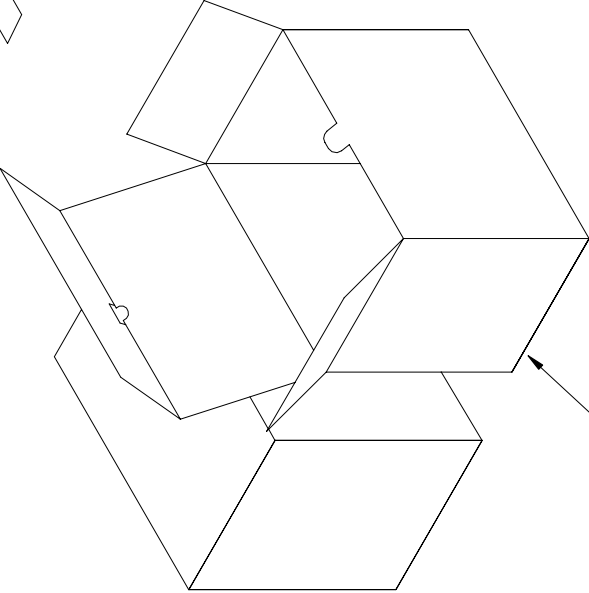
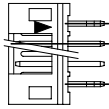
CARTON

340mm(L)X 470mm(W)X 178mm(H)

(FOR HEADER 2P~5P ONLY)

340mm(L)X 470mm(W)X 365mm(H)

(FOR HEADER 6P~16P ONLY)



INEER BOX

320mm(L)X 220mm(W)X 155mm(H)

17,600	550	5P	4-440054-1
18,000	250	11P	9-440054-3
20,800	650	4P	3-440054-1
27,000	750	3P	440054-1
17,600	550	5P	8-440054-5
22,400	350	8P	2-440054-0
22,400	350	8P	8-440054-0
17,600	550	4P	9-440054-5
40,000	1,000	2P	9-440054-2
17,600	550	5P	8-440054-5
20,800	650	4P	8-440054-4
27,000	750	3P	8-440054-3
40,000	1,000	2P	8-440054-2
17,600	550	5P	6-440054-5
20,800	650	4P	6-440054-4
27,000	750	3P	6-440054-3
40,000	1,000	2P	6-440054-2
16,000	250	12P	7-440054-6
18,000	250	11P	7-440054-5
19,200	300	10P	7-440054-4
22,400	350	9P	7-440054-3
22,400	350	8P	7-440054-2
25,600	400	7P	7-440054-1
28,800	450	6P	7-440054-0
17,600	550	5P	4-440054-5
20,800	650	4P	4-440054-4
27,000	750	3P	4-440054-3
40,000	1,000	2P	4-440054-2
17,600	550	5P	2-440054-5
20,800	650	4P	2-440054-4
27,000	750	3P	2-440054-3
40,000	1,000	2P	2-440054-2
12,000	200	16P	1-440054-6
12,000	200	15P	1-440054-5
12,800	200	14P	1-440054-4
15,000	250	13P	1-440054-3
16,000	250	12P	1-440054-2
18,000	250	11P	1-440054-1
19,200	300	10P	1-440054-0
22,400	350	9P	440054-9
22,400	350	8P	440054-8
25,600	400	7P	440054-7
28,800	450	6P	440054-6
17,600	550	5P	440054-5
20,800	650	4P	440054-4
27,000	750	3P	440054-3
40,000	1,000	2P	440054-2
APQ	PPQ	POS.	PART NUMBER
(PCS/CARTON)	(PCS/BAG)		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE CAGE CODE DRAWING NO

A300779C=440054

RESTRICTED TO

—

SCALE

SHEET

5 of 9

REV

F8

TE Connectivity

AMP 1470-19 REV 31MAR2000

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

AUG ,2006.

© COPYRIGHT 2009 BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST	REVISIONS			
DW			P	LTR	DATE	APVD

SEE SHEET 1.

450

6.20

4.30

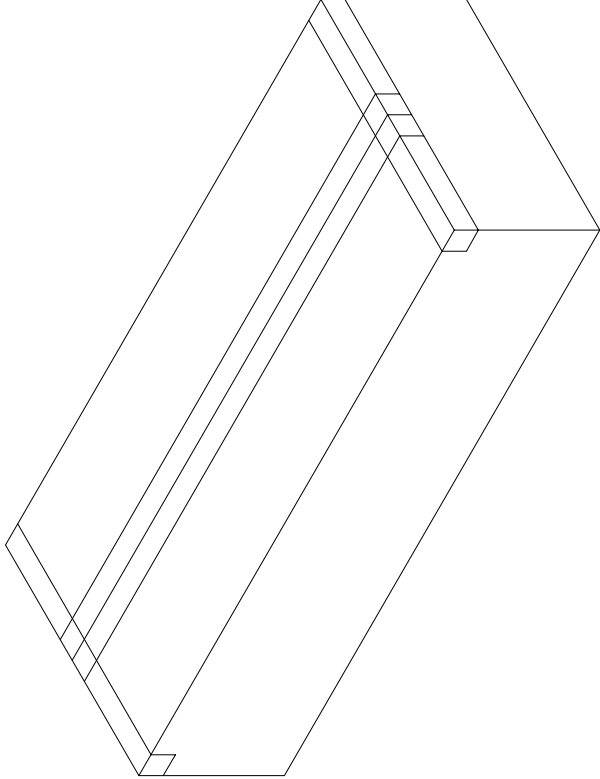
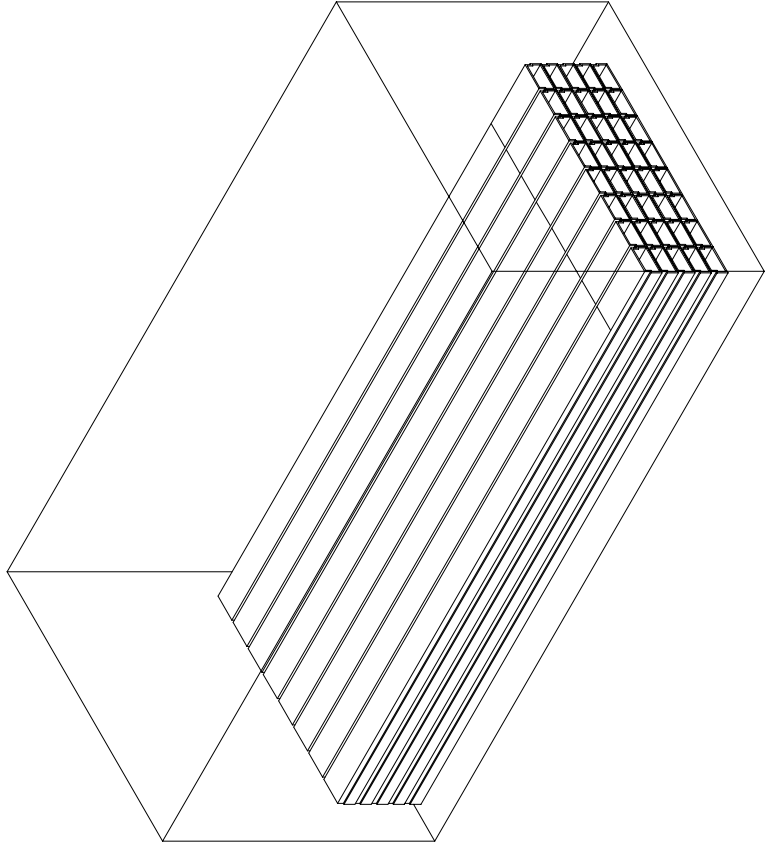
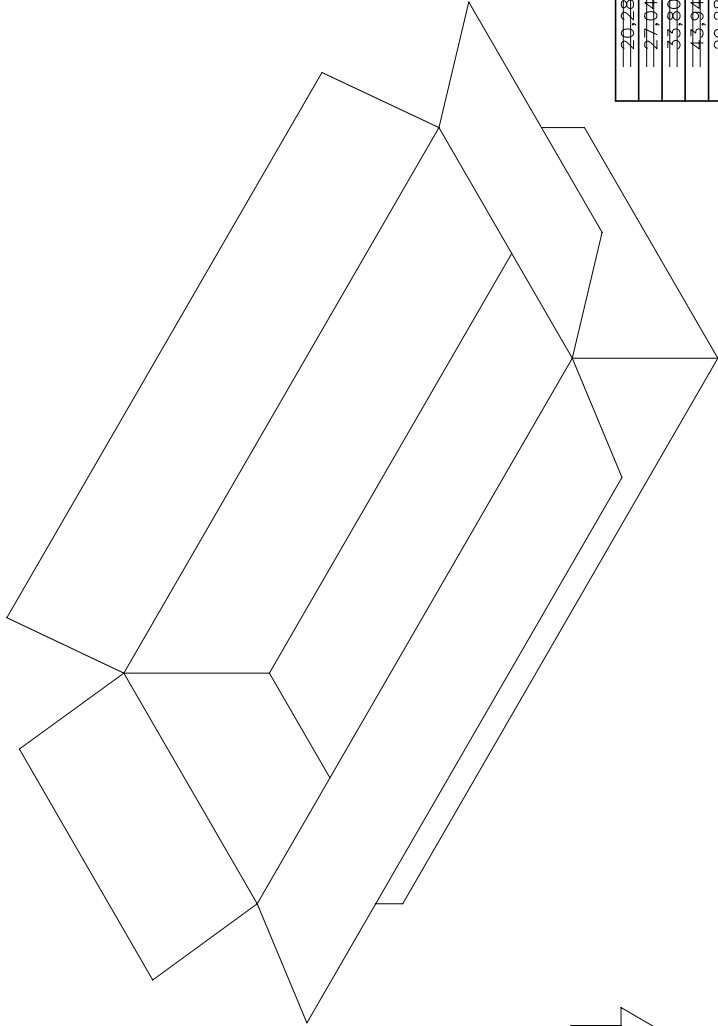
7.50

11.50

TUBE

CARTON

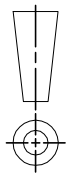
470 mm(L)X 340mm(W)X 178mm(H)



20.280	30	5P	8-440054-9
27.040	40	4P	8-440054-8
33.800	50	3P	8-440054-7
43.940	65	2P	8-440054-6
20.280	30	5P	6-440054-9
27.040	40	4P	6-440054-8
33.800	50	3P	6-440054-7
43.940	65	2P	6-440054-6
20.280	30	5P	4-440054-9
27.040	40	4P	4-440054-8
33.800	50	3P	4-440054-7
43.940	65	2P	4-440054-6
20.280	30	5P	2-440054-9
27.040	40	4P	2-440054-8
33.800	50	3P	2-440054-7
43.940	65	2P	2-440054-6
6.760	10	16P	5-440054-6
8.112	12	15P	5-440054-5
8.788	13	13P	5-440054-3
10.140	15	12P	5-440054-2
10.816	16	11P	5-440054-1
12.168	18	10P	5-440054-0
13.520	20	9P	3-440054-9
14.872	22	8P	3-440054-8
16.900	25	7P	3-440054-7
18.928	28	6P	3-440054-6
20.280	30	5P	3-440054-5
27.040	40	4P	3-440054-4
33.800	50	3P	3-440054-3
43.940	65	2P	3-440054-2
APQ	PPQ	POS.	PART NUMBER
(PCS/CARTON)	(PCS/TUBE)		

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0	PLC	± .
1	PLC	± .
2	PLC	± .
3	PLC	± .
4	PLC	± .
ANGLES		± .
FINISH		± .

MATERIAL

-

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING



TE Connectivity

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C=440054

SCALE

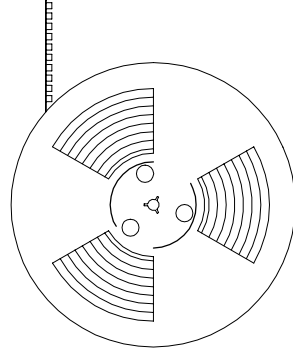
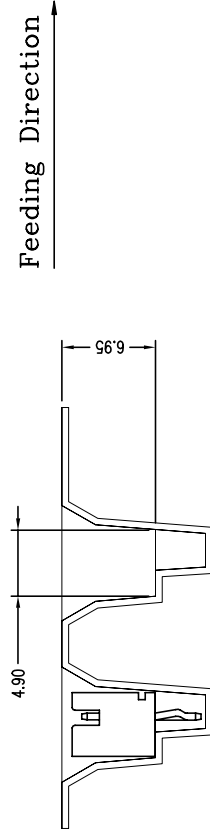
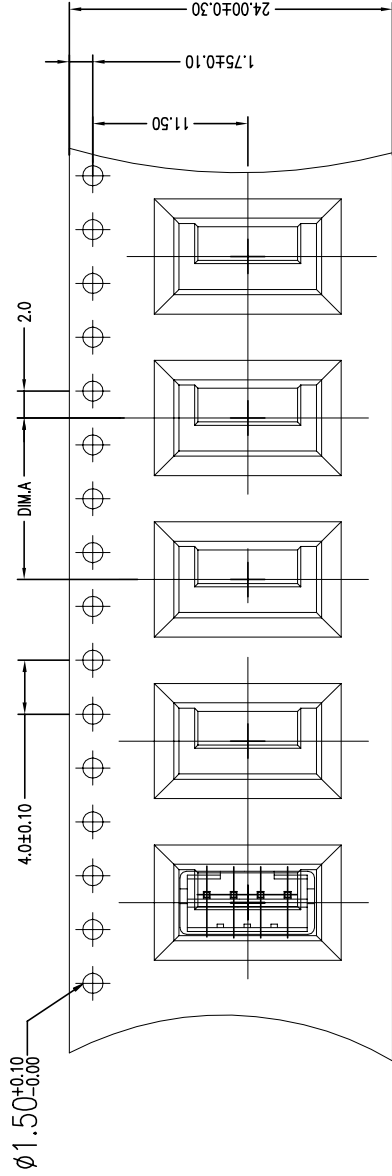
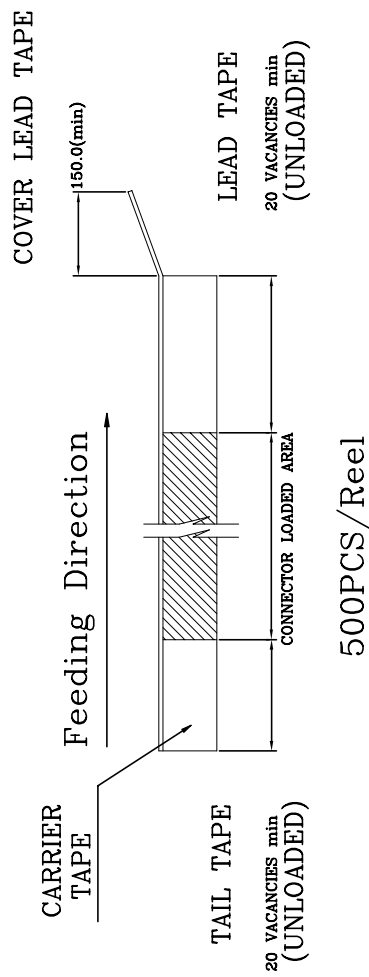
SHEET

6 OF 9

REV

F8

SEE SHEET 1.



16.0	WITHOUT	1800	450	4P	9-440054-1
DIM.A	CAP	APQ (PCS/CARTON)	PPQ (PCS/REEL)	POS.	PART NUMBER

DWN	 TE Connectivity					NAME		2.0 MM PITCH HPI VERTICAL POST HEADERS		RESTRICTED TO		REV E8				
CHK						SIZE				CAGE CODE	DRAWING NO		8 OF 9		SHEET	SCALE
APVD						A3				00779	 440054		—			
PRODUCT SPEC						—				—			—			
APPLICATION SPEC	—		—		—		—		—		CUSTOMER DRAWING					
WEIGHT	—		—		—		—		—							

CUSTOMER DRAWING	SCALE —	SHEET 8 OF 9	REV F8
------------------	------------	-----------------	-----------

