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AUG ,2006.



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LOC
DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
E1		REVISED (ECR-11-005810)	21MAR11	JL	WK

NOTES:

1. MATERIAL:

HOUSING: NYLON 66, UL94V-0, COLOR: SEE TABLE.
CONTACT: BRASS, THICKNESS=0.50mm.

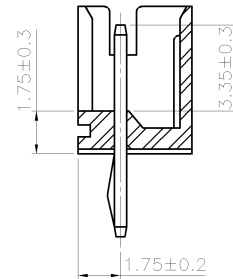
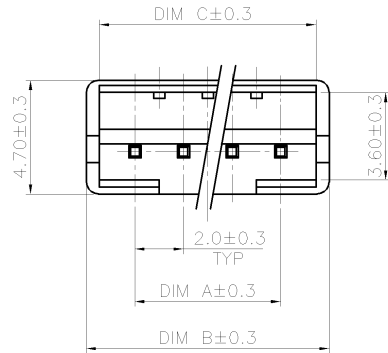
2. FINISH:

2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.

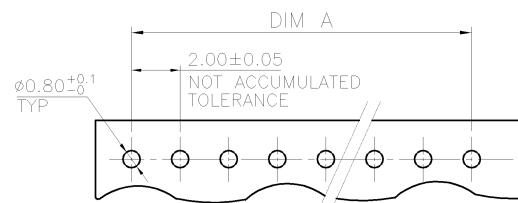
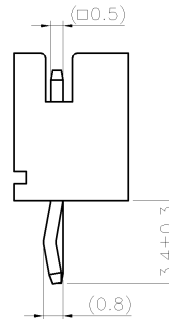
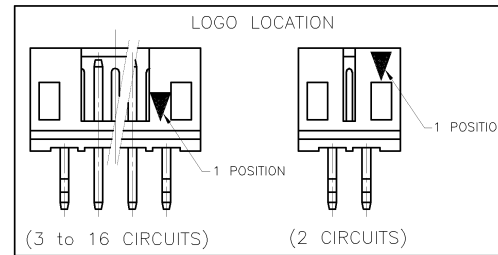
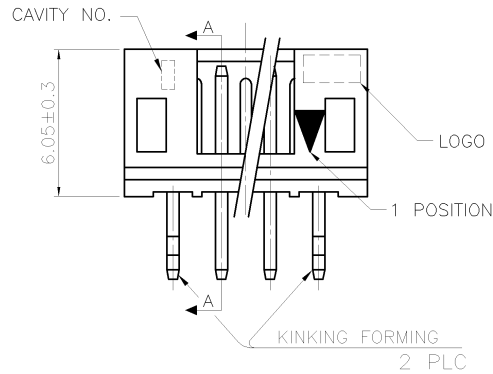
3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.

109-202, CONDITION B.

4. RAISED TYPE PN: 9-440054-2



SEC. A-A

RECOMMENDED PCB LAYOUT
(PCB THK=1.0~1.6)

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

POLY BAG	COLOR	DIM C	DIM B	DIM A	POS.	PART NUMBER
RED		10.90	12.00	8.00	5P	8-440054-5
		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
BLACK		10.90	12.00	8.00	5P	6-440054-5
		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
YELLOW		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
		18.90	20.00	16.00	9P	7-440054-3
BLUE		16.90	18.00	14.00	8P	7-440054-2
		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
NATURAL WHITE		8.90	10.00	6.00	4P	4-440054-4
		6.90	8.00	4.00	3P	4-440054-3
		4.90	6.00	2.00	2P	4-440054-2
		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
		18.90	20.00	16.00	9P	440054-9
		16.90	18.00	14.00	8P	440054-8
		14.90	16.00	12.00	7P	440054-7
		12.90	14.00	10.00	6P	440054-6
		10.90	12.00	8.00	5P	440054-5
		8.90	10.00	6.00	4P	440054-4
		6.90	8.00	4.00	3P	440054-3
		4.90	6.00	2.00	2P	440054-2

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DWN O. HU 16JUL2004

CHK S. HOU 16JUL2004

APVD W.J. KE 16JUL2004

PRODUCT SPEC

108-57100

APPLICATION SPEC

WEIGHT - GRAMS

CUSTOMER DRAWING

DIMENSIONS:

MM



MATERIAL

SEE NOTE

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± -
ANGLES	± 3°

FINISH

SEE NOTE



TE Connectivity

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-440054

SCALE

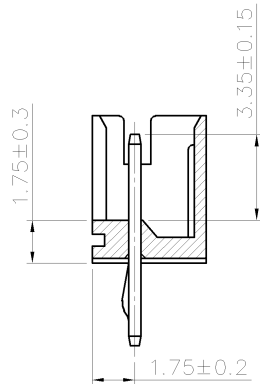
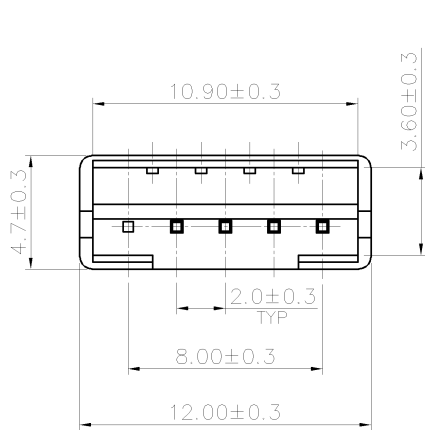
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SHEET

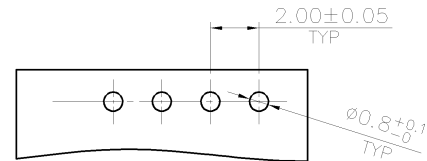
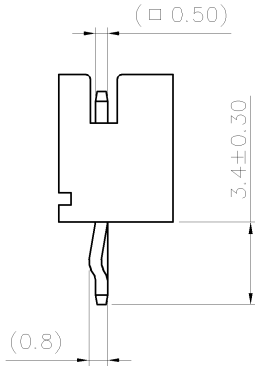
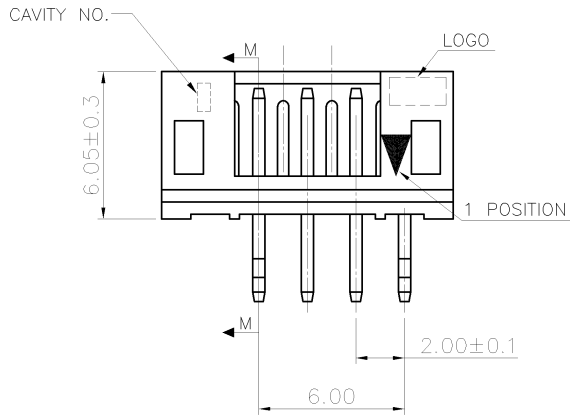
1 OF 5

REV

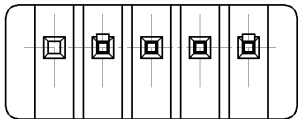
E1



SECTION M-M



RECOMMENDER PCB LAYOUT
(PCB THK=1.0~1.6mm)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN				
		CHK				
DIMENSIONS: MM		APVD	NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS			
		PRODUCT SPEC				
		APPLICATION SPEC	SIZE A3			
		WEIGHT				
MATERIAL SEE NOTE (PAGE 1.)		FINISH SEE NOTE (PAGE 1.)	CAGE CODE 00779	DRAWING NO C=440054	RESTRICTED TO —	
CUSTOMER DRAWING			SCALE —	SHEET 2 OF 5	REV E1	

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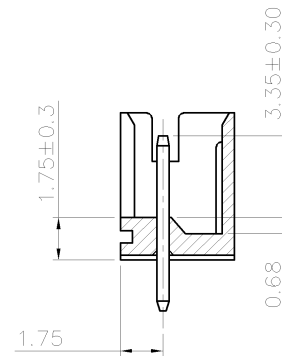
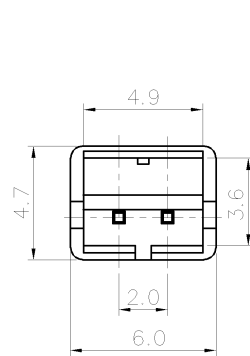
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LOC
DW

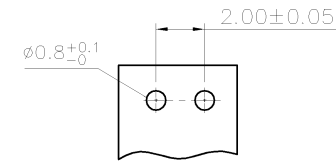
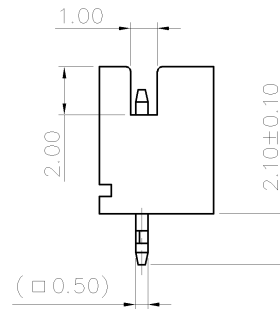
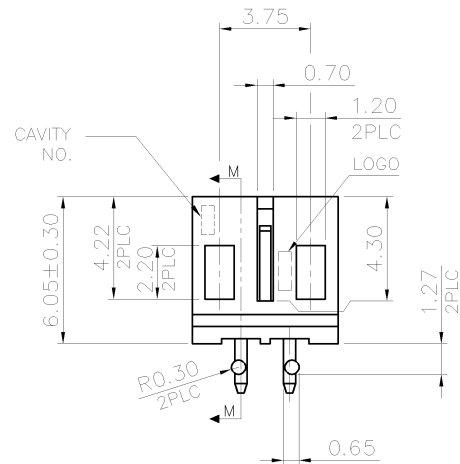
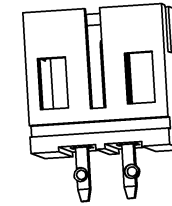
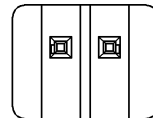
DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



SECTION M-M

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC	± .
1 PLC	± 0.3
2 PLC	± 0.2
3 PLC	± 0.15
4 PLC	± .
ANGLES	± 3°

MATERIAL

SEE NOTE
(PAGE 1.)

FINISH

SEE NOTE
(PAGE 1.)

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

CUSTOMER DRAWING

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

A3

00779

C=440054

RESTRICTED TO

—

POLY BAG	NATURAL WHITE	2P	9-440054-2
PACKAGE	COLOR	POS	PART NUMBER



TE Connectivity

SCALE

SHEET

3 of 5

REV

E1

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LOC
DW

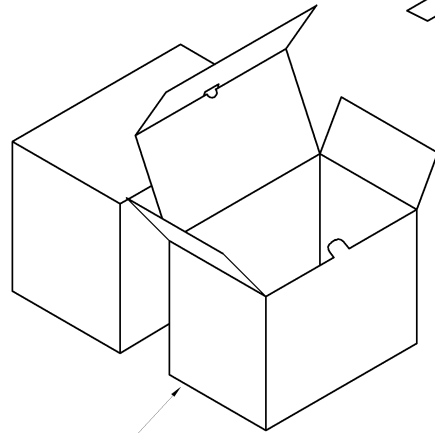
DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

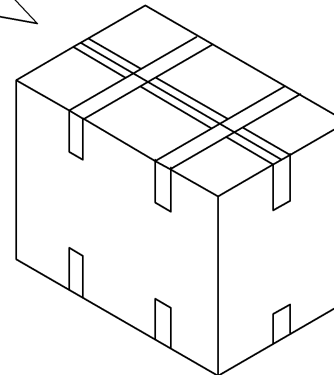
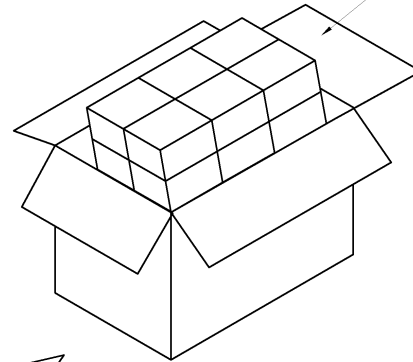
POLY BAG

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	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 (PCS/CARTON)	PPQ (PCS/BAG)	POS.	PART NUMBER

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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
A3	00779	C=440054	
SCALE		SHEET	REV
		4 OF 5	E1

4

3

2

1

D

D

C

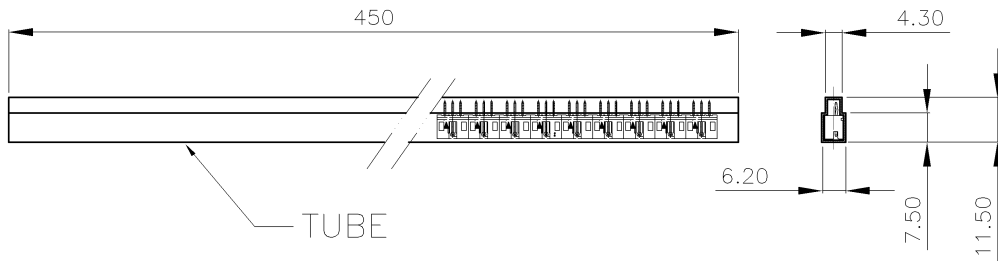
C

B

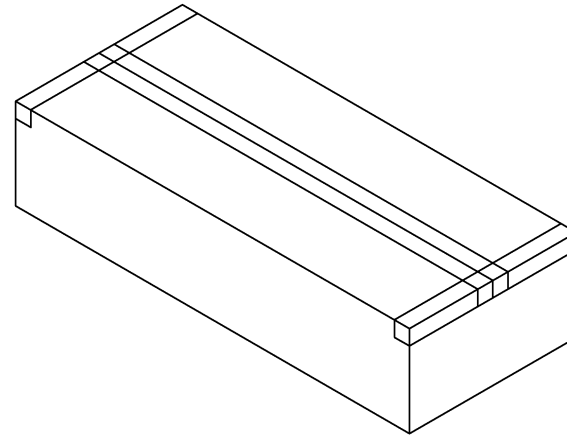
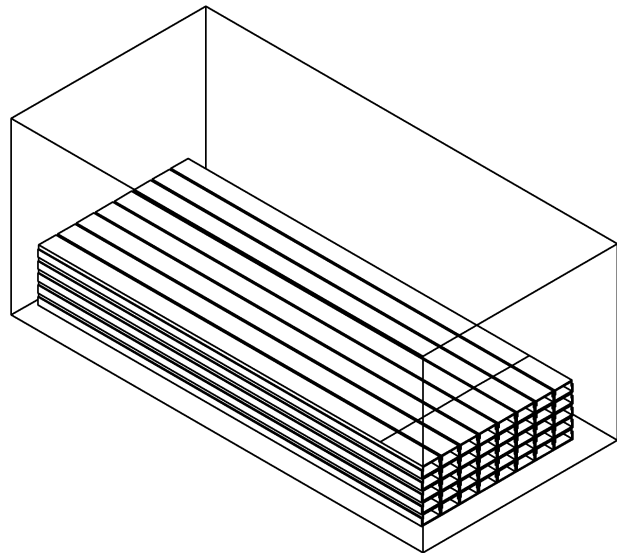
B

A

A



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
8,112	12	14P	5-440054-4
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 (PCS/CARTON)	PPQ (PCS/TUBE)	POS.	PART NUMBER

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DWN
CHK
APVD

PRODUCT SPEC
APPLICATION SPEC
WEIGHT

CUSTOMER DRAWING

TE Connectivity

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE
CAGE CODE
DRAWING NO
RESTRICTED TO

A300779C=440054

SCALE
SHEET
REV

5 of 5
E1