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RELEASED FOR PUBLICATION

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.

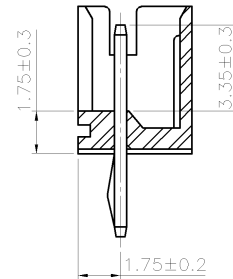
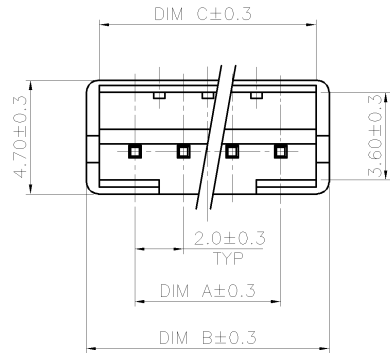
2. FINISH:

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

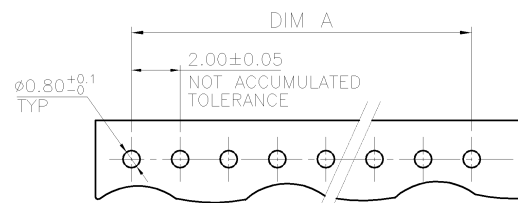
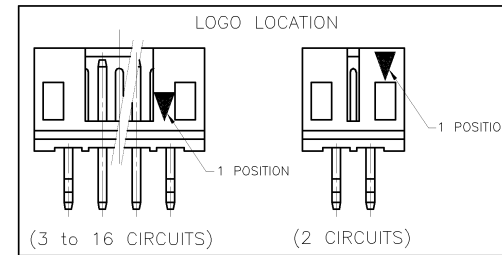
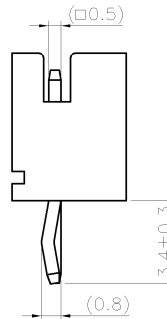
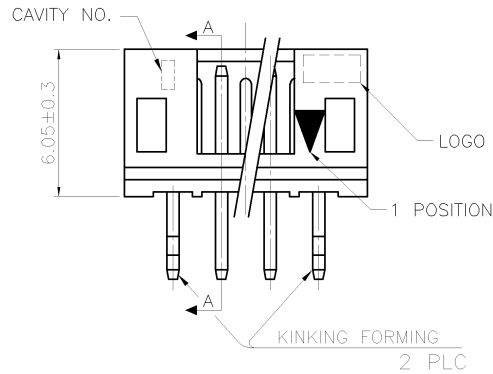
3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.

109-202, CONDITION B.

4. RAISED TYPE PN: 9-440054-2



SEC. A-A

RECOMMENDED PCB LAYOUT
(PCB THK=1.0~1.6)

TUBE	COLOR	PACKAGE					
		DIM C	DIM B	DIM A	POS.	PART NUMBER	
RED	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	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
		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
	BLUE	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
		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
		32.90	34.00	30.00	16P	1-440054-6
	NATURAL WHITE	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		
PACKAGE	COLOR	DIM C	DIM B	DIM A	POS.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN O. HU 16JUL2004		 TE Connectivity					
		CHK S. HOU 16JUL2004							
DIMENSIONS: MM		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME					
	0 PLC	± -	APVD W.J. KE 16JUL2004	2.0 MM PITCH HPI VERTICAL POST HEADERS					
	1 PLC	± 0.3	PRODUCT SPEC						
	2 PLC	± 0.2	108-57100						
	3 PLC	± 0.15	APPLICATION SPEC						
	4 PLC	± -							
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO		
SEE NOTE		SEE NOTE		WEIGHT - GRAMS	A3	00779	C-440054	-	
CUSTOMER DRAWING				SCALE	-	SHEET	1 of 5	REV	E1

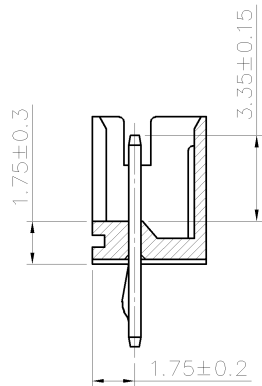
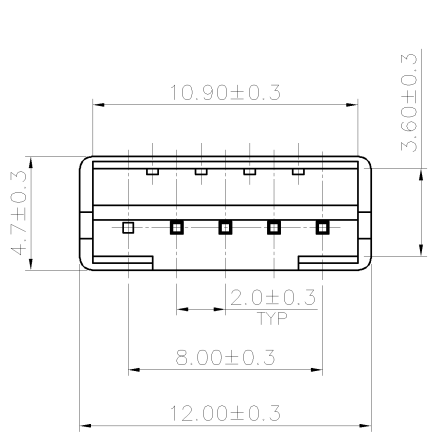
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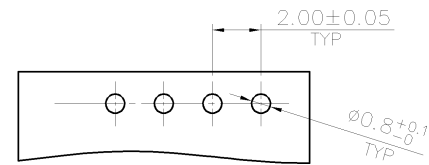
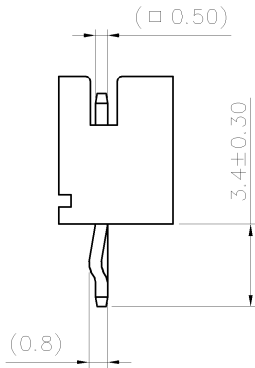
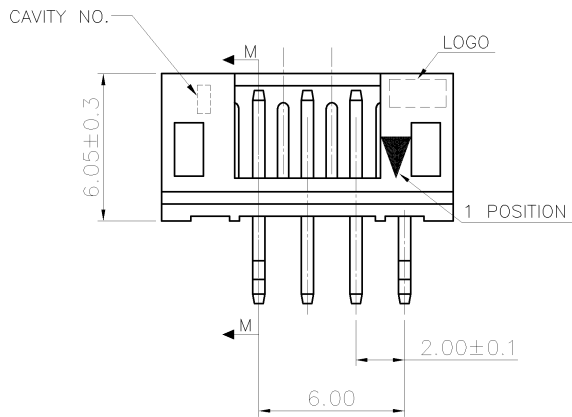
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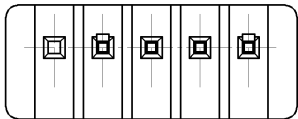
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN	APVD	
		SEE SHEET 1.				



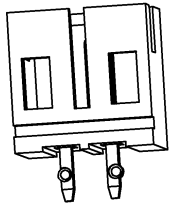
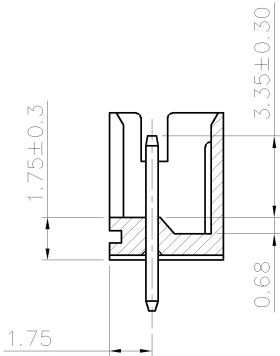
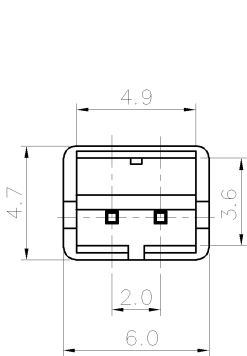
SECTION M-M



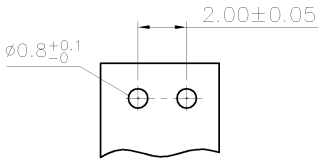
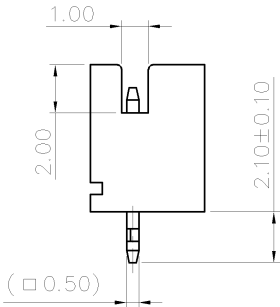
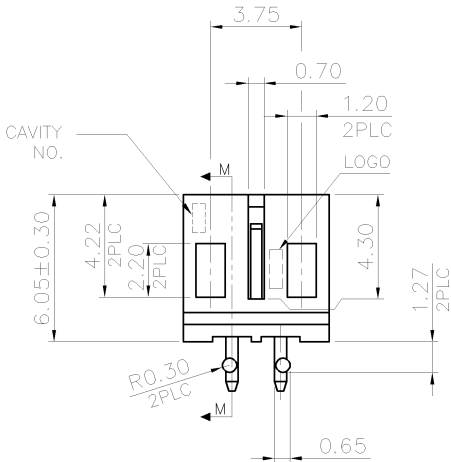
RECOMMENDER PCB LAYOUT
(PCB THK=1.0~1.6mm)



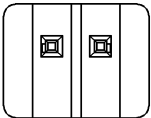
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity			
DIMENSIONS: MM		CHK				
		APVD	NAME			
		PRODUCT SPEC	2.0 MM PITCH HPI VERTICAL POST HEADERS			
MATERIAL SEE NOTE (PAGE 1.)		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT	A3	00779	C=440054	—
FINISH SEE NOTE (PAGE 1.)	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



SECTION M-M



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



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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity			
DIMENSIONS: MM		CHK				
		APVD	NAME			
		PRODUCT SPEC	2.0 MM PITCH HPI VERTICAL POST HEADERS			
		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT	A3	00779	C=440054	—
MATERIAL	FINISH	CUSTOMER DRAWING		SCALE	SHEET	REV
SEE NOTE (PAGE 1.)	SEE NOTE (PAGE 1.)			—	3 OF 5	E1

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LOC
DW

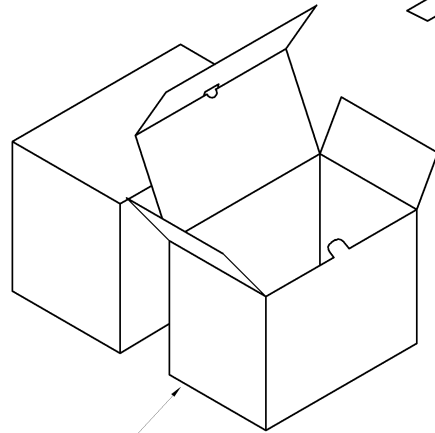
DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

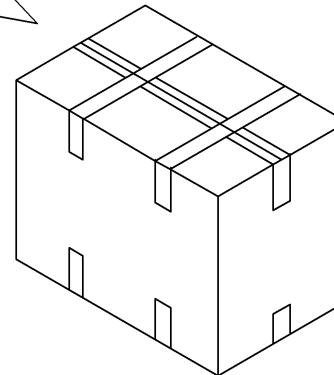
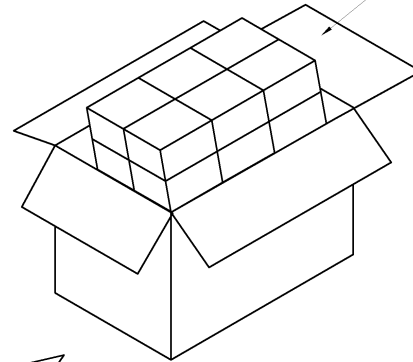
POLY BAG

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:
MM

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

FINISH



TE Connectivity

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=440054

SCALE

SHEET 4 OF 5

REV E1

