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C

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LOC
DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
E2		REVISED (ECR-14-012834), PART OBSOLETE	08DEC14	S.C	H.L

NOTES:

1. MATERIAL:

HOUSING: NYLON 66, UL94V-0, COLOR: SEE TABLE.

CONTACT: BRASS, THICKNESS=0.50mm.

2. FINISH:

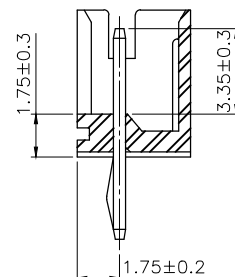
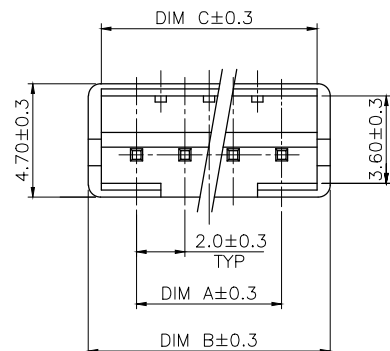
2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.

1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.

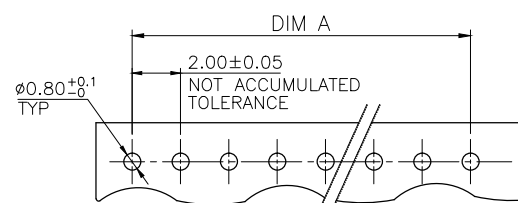
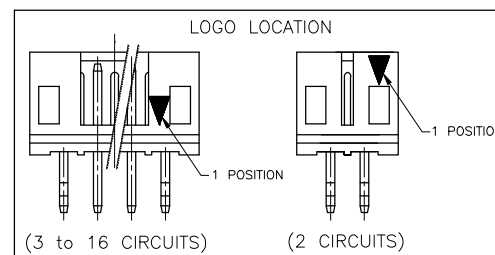
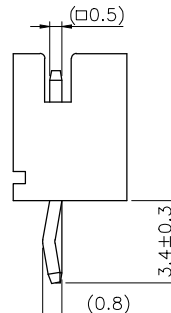
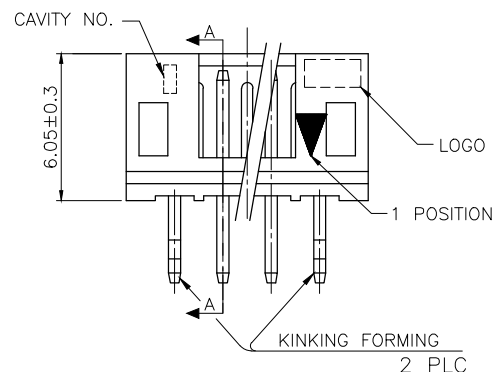
3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.

109-202, CONDITION B.

4. RAISED TYPE PN: 9-440054-2



SEC. A-A

RECOMMENDED PCB LAYOUT
(PCB THK=1.0~1.6)

OBSOLETE	RED	10.90	12.00	8.00	5P	8-440054-9
		8.90	10.00	6.00	4P	8-440054-8
OBSOLETE	BLACK	6.90	8.00	4.00	3P	8-440054-7
		4.90	6.00	2.00	2P	8-440054-6
OBSOLETE	YELLOW	10.90	12.00	8.00	5P	6-440054-9
		8.90	10.00	6.00	4P	6-440054-8
OBSOLETE	BLUE	10.90	12.00	8.00	5P	4-440054-9
		8.90	10.00	6.00	4P	4-440054-8
OBSOLETE	NATURAL WHITE	32.90	34.00	30.00	16P	5-440054-6
		30.90	32.00	28.00	15P	5-440054-5
OBSOLETE	POLY BAG	28.90	30.00	26.00	14P	5-440054-4
		26.90	28.00	24.00	13P	5-440054-3
OBSOLETE	RED	24.90	26.00	22.00	12P	5-440054-2
		22.90	24.00	20.00	11P	5-440054-1
OBSOLETE	BLACK	20.90	22.00	18.00	10P	5-440054-0
		18.90	20.00	16.00	9P	3-440054-9
OBSOLETE	YELLOW	16.90	18.00	14.00	8P	3-440054-8
		14.90	16.00	12.00	7P	3-440054-7
OBSOLETE	BLUE	12.90	14.00	10.00	6P	3-440054-6
		10.90	12.00	8.00	5P	3-440054-5
OBSOLETE	NATURAL WHITE	8.90	10.00	6.00	4P	3-440054-4
		6.90	8.00	4.00	3P	3-440054-3
OBSOLETE	RED	4.90	6.00	2.00	2P	3-440054-2
		2.90	4.00	1.00	1P	3-440054-1

THIS DRAWING IS A CONTROLLED DOCUMENT.						TE Connectivity			
DIMENSIONS: MM						2.0 MM PITCH HPI VERTICAL POST HEADERS			
TOLERANCES UNLESS OTHERWISE SPECIFIED:						108-57100			
MATERIAL: SEE NOTE						A300779C=440054			
FINISH: SEE NOTE						CUSTOMER DRAWING			
SCALE: 1 OF 5						REV E2			

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

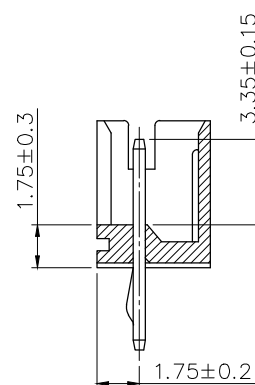
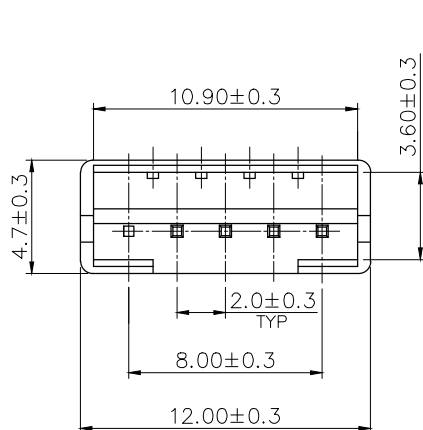
DESCRIPTION

DATE

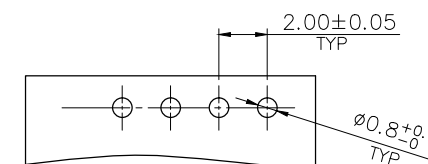
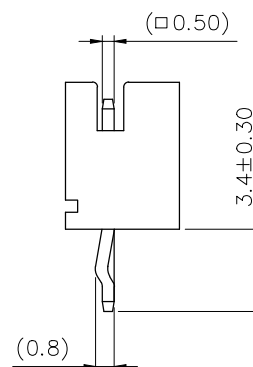
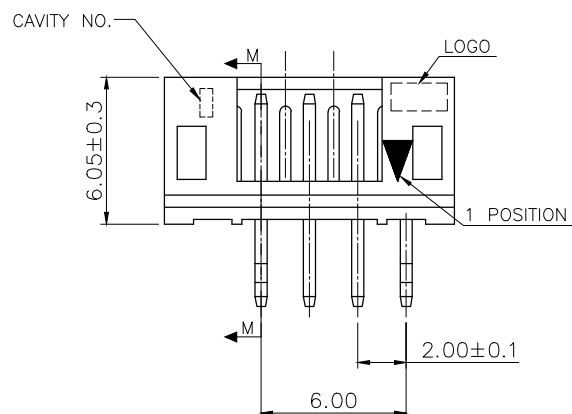
DWN

APVD

SEE SHEET 1.

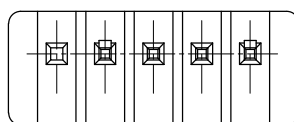


SECTION M-M



RECOMMENDER PCB LAYOUT

(PCB THK=1.0~1.6mm)



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DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

CUSTOMER DRAWING

DIMENSIONS:

MM



MATERIAL

SEE NOTE
(PAGE 1.)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
(PAGE 1.)

POLY BAG	NATURAL WHITE	PIN 5	4P	9-440054-5
PACKAGE	COLOR	PIN NUMBER LACKED	POS.	PART NUMBER



TE Connectivity

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C=440054

—

SCALE

SHEET

2 OF 5

REV E2

4

3

2

1

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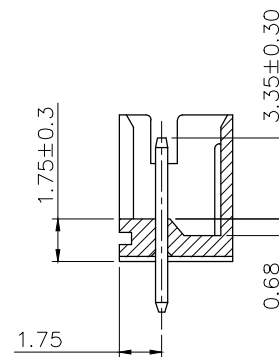
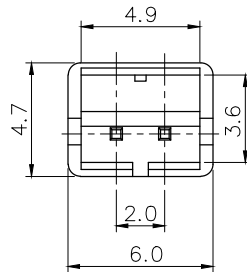
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LOC
DW

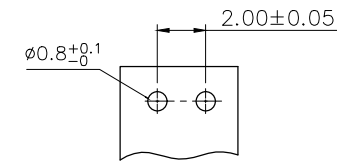
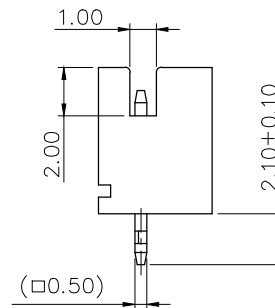
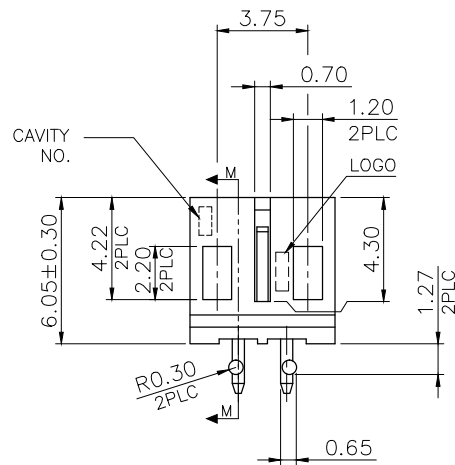
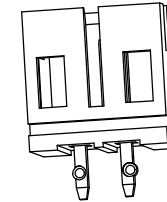
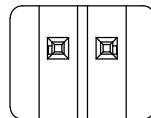
DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



SECTION M-M

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

POLY BAG	NATURAL WHITE	2P	9-440054-2
PACKAGE	COLOR	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

A300779C-440054

SCALE

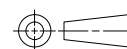
SHEET

3 OF 5

REV E2

DIMENSIONS:

MM



TOLERANCES 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.)

4

3

2

1

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

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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

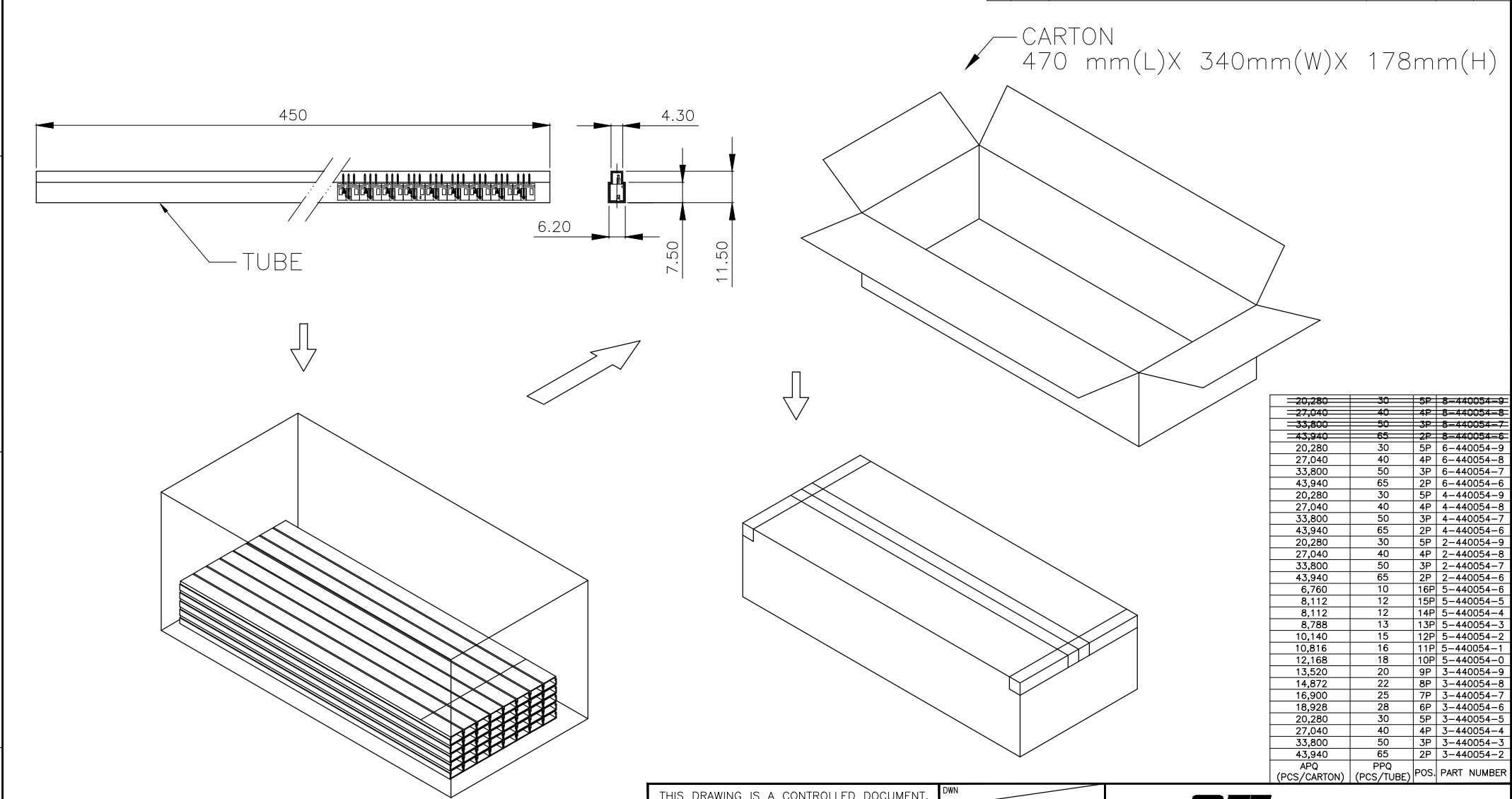
C=440054

SCALE

SHEET

4 OF 5

REV E2



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
MM

MATERIAL

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

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

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-440054

RESTRICTED TO

SCALE

SHEET
5 OF 5

REV
E2