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DW

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
E6		REVISED ECR-17-002168	17DEC16	J.J	W.H

NOTES:

1. MATERIAL:

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

CONTACT: BRASS, THICKNESS=0.50mm.

2. FINISH:

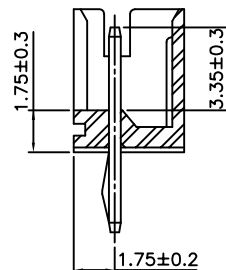
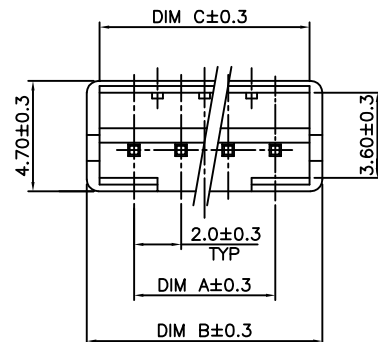
2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.

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

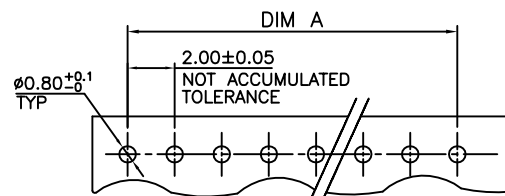
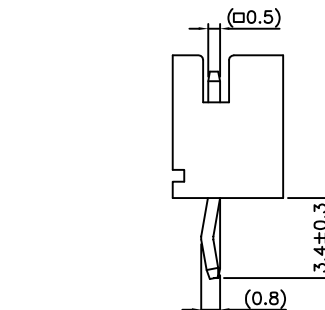
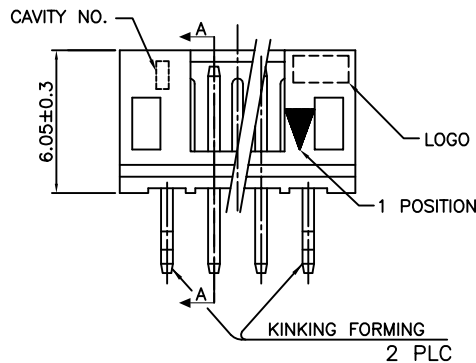
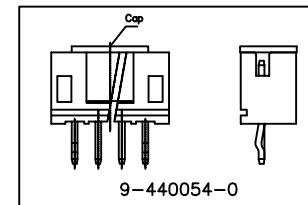
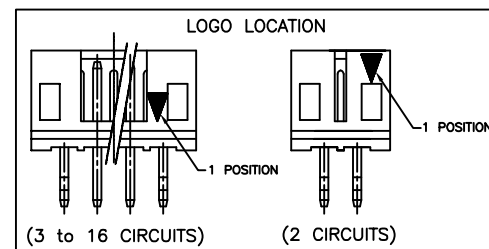
3. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

FINISH SEE NOTE

DWN O. HU

CHK S. HOU

APVD W.J. KE

PRODUCT SPEC

108-57100

APPLICATION SPEC

WEIGHT

GRAMS

CUSTOMER DRAWING

TE Connectivity

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C=440054	-

SCALE 1 of 8 SHEET REV E6

4

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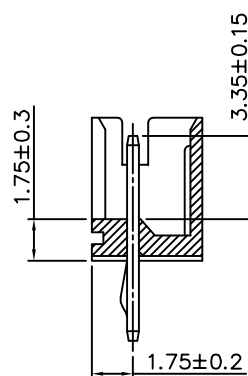
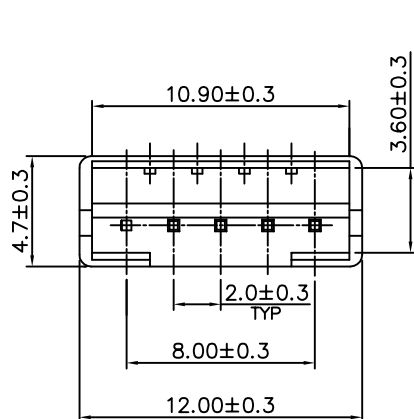
DESCRIPTION

DATE

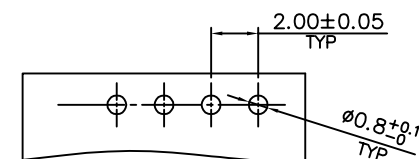
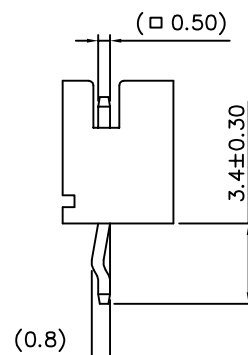
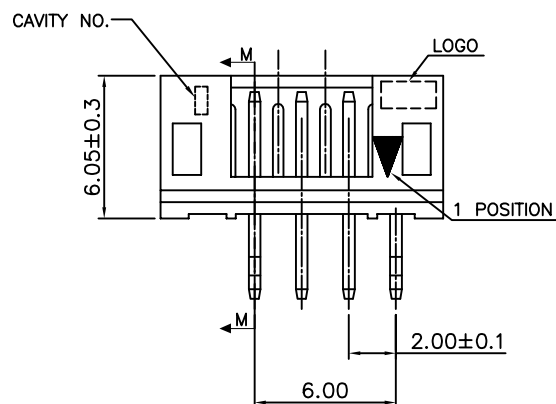
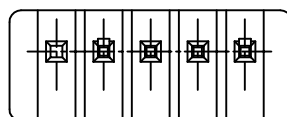
DWN

APVD

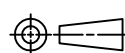
SEE SHEET 1.



SECTION M-M

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

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 8

REV

E6

4

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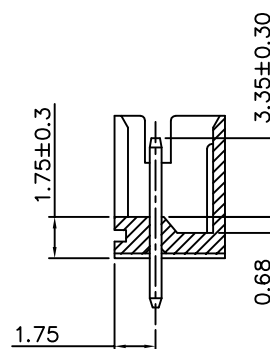
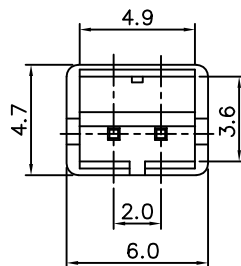
DESCRIPTION

DATE

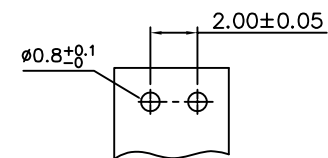
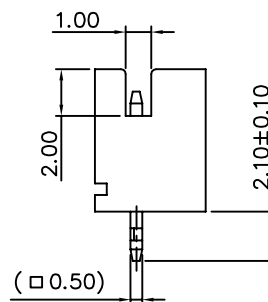
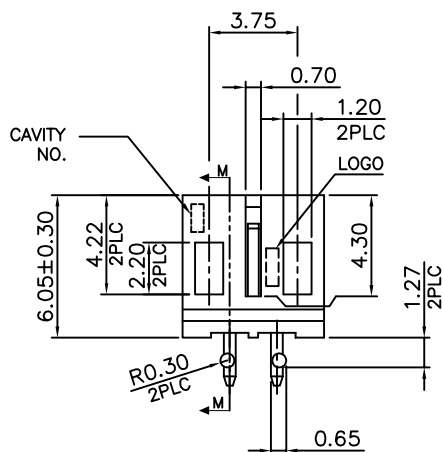
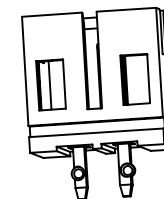
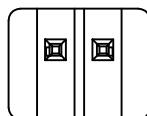
DWN

APVD

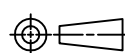
SEE SHEET 1.



SECTION M-M

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
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.)

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

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REV E6

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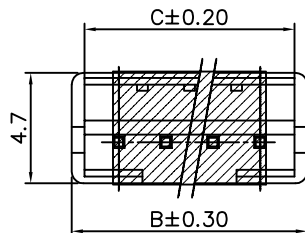
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.



NOTES:

1. MATERIAL:

HOUSING: NYLON 6T, UL94V-0, COLOR: SEE TABLE.

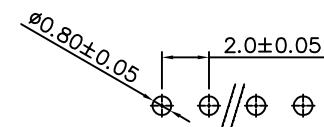
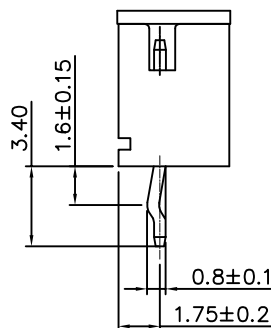
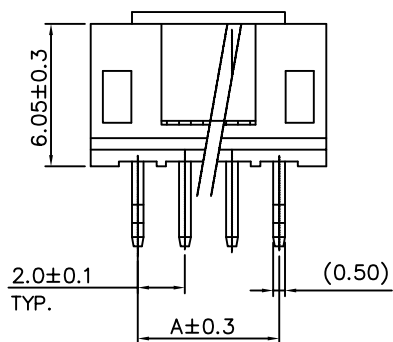
CONTACT: BRASS, THICKNESS=0.50mm.

2. FINISH:

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

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

3. (SMT) REFLOW PROCESS NEED AFFORD 260°C.

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

TAPE REEL	NATURAL WHITE	8.90	10.00	6.00	4P	9-440054-4
PACKAGE	COLOR	DIM C	DIM B	DIM A	POS	PART NUMBER

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DWN

CHK

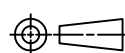
APVD

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.)

TE Connectivity

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

A3

00779

C=440054

RESTRICTED TO

-

SCALE

SHEET

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REV E6

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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	8-440054-3
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

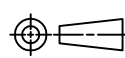
APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

MM



TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL

FINISH



TE Connectivity

NAME

2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

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C=440054

REV

E6

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LTR

DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

D

D

C

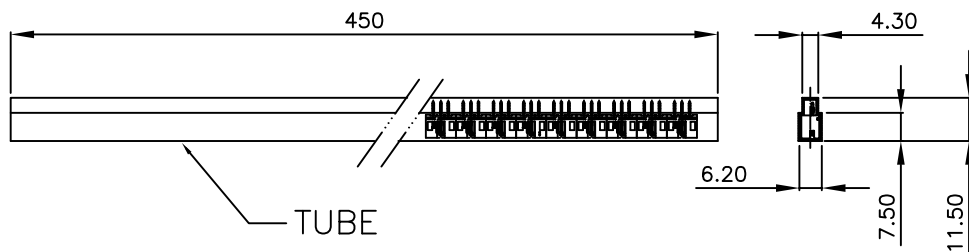
C

B

B

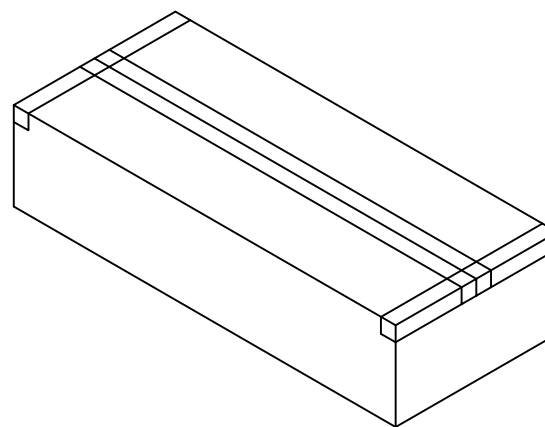
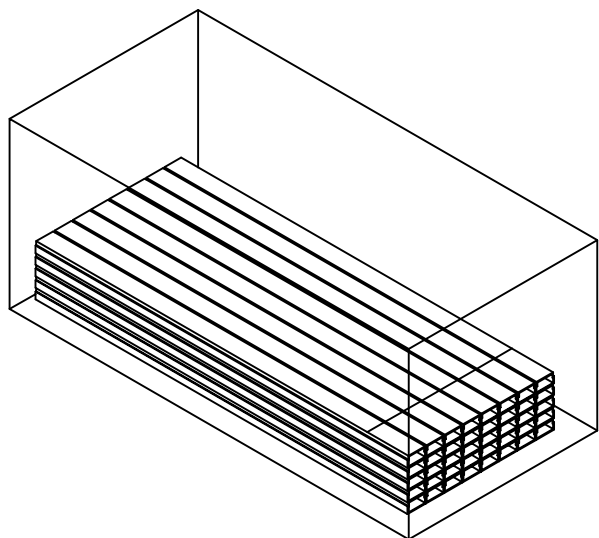
A

A



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
6,780	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

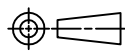
APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

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

A300779C=440054

SCALE

SHEET

6 of 8

REV E6

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LTR

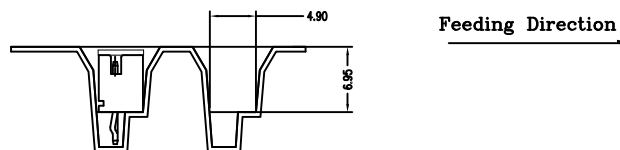
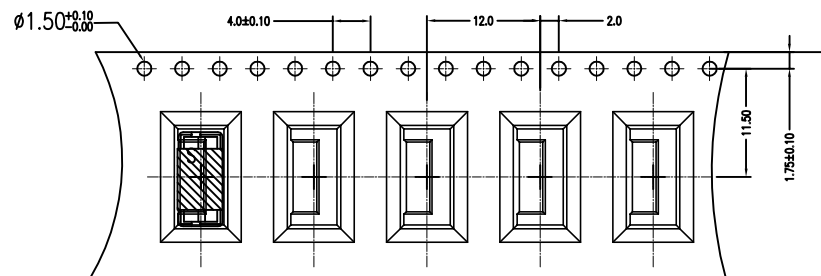
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.

CARRIER
TAPE

Feeding Direction

COVER LEAD TAPE

150.0(min)

TAIL TAPE

20 VACANCIES min
(UNLOADED)

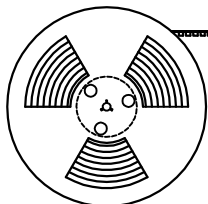
CONNECTOR-LOADED AREA

LEAD TAPE

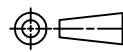
20 VACANCIES min
(UNLOADED)

500 PCS/Reel

Feeding Direction



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DIMENSIONS:
MMTOLERANCES UNLESS
OTHERWISE SPECIFIED:

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

MATERIAL

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

A3

00779

C=440054

SCALE

SHEET

7 of 8

REV E6

2000 APQ (PCS/CARTON)	500 PPQ (PCS/TUBE)	4P POS.	9-440054-4 PART NUMBER
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TE Connectivity

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

AUG ,2006.



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LOC

DIST

REVISIONS

P

LTR

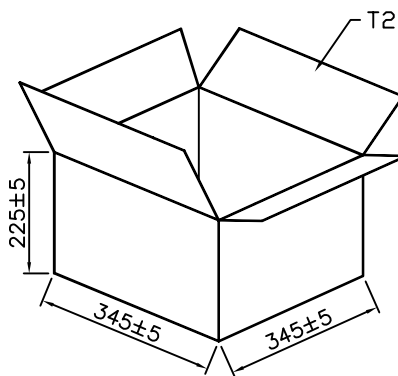
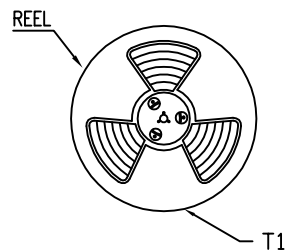
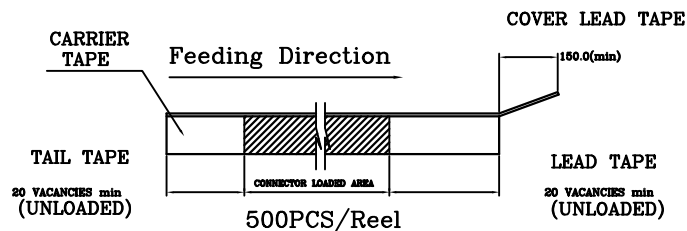
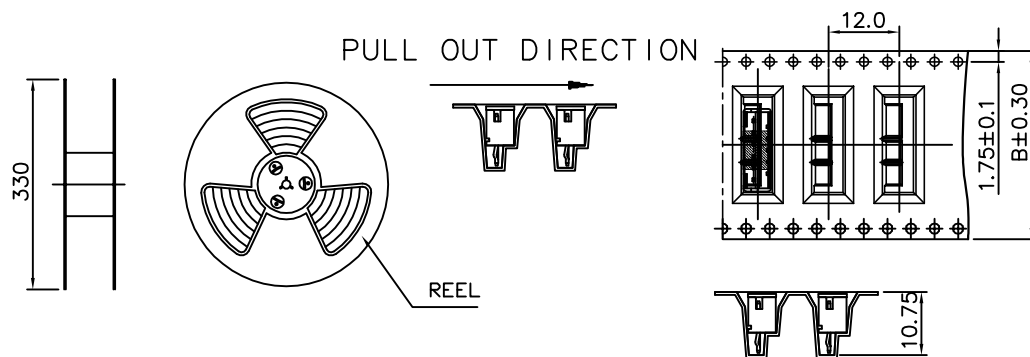
DESCRIPTION

DATE

DWN

APVD

SEE SHEET 1.



POS	B(mm)	PCS./REEL	PCS/CARTON-T2
10P	44	500 PCS.	500X4=2000PCS.

NOTE:

9-440054-0 10POS WAVE SOLDER PART CAP TYPE.

2000 APQ (PCS/CARTON)	500 PPQ (PCS/REEL)	10P POS.	9-440054-0 PART NUMBER
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DWN

CHK

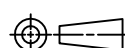
APVD

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

8 of 8

REV

E6

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[8-440054-7](#)