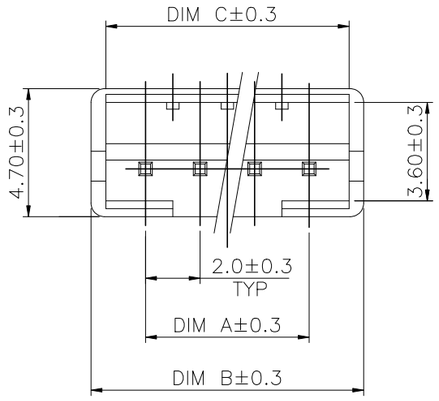
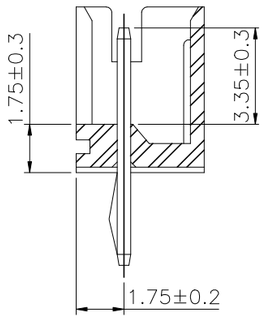
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LOC	DIST
DW	—

REVISIONS

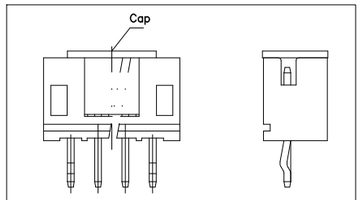
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F9	ECR-23-187788	28JUN23	C.K	H.L



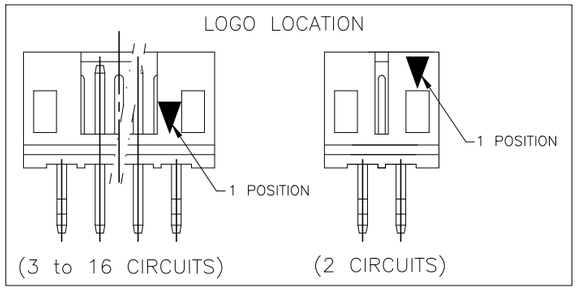


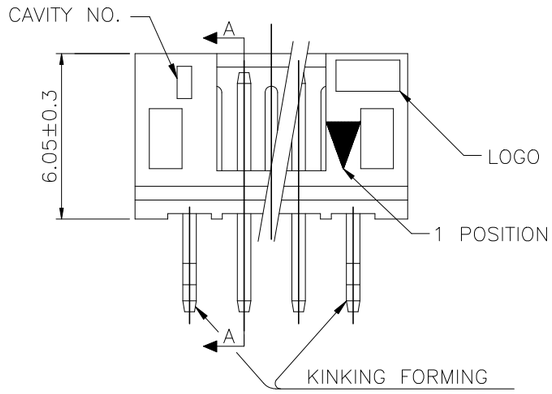
SEC. A-A

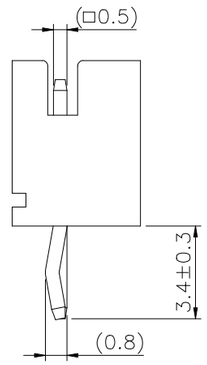
NOTES:
1. MATERIAL:
   HOUSING: NYLON 66, UL94V-0, COLOR: SEE TABLE.
   CONTACT: BRASS, THICKNESS=0.50mm.
2. FINISH:
   2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.
   1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.
3. WAVE SOLDER SPEC REFER TO 108-57100.
4. RAISED TYPE PN: 9-440054-2.

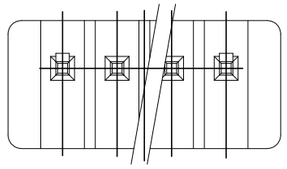


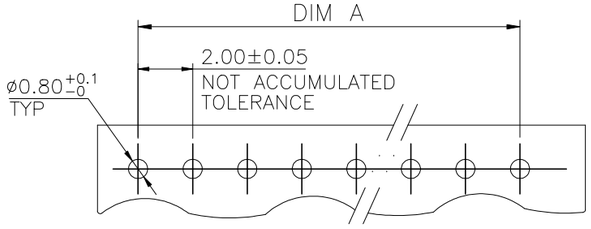
9-440054-0 AND 9-440054-7











RECOMMENDED PCB LAYOUT
(PCB THK=1.0~1.6)

PACKAGE	COLOR	DIM C	DIM B	DIM A	POS.	PART NUMBER
OBSOLETE						
TUBE	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

PACKAGE	COLOR	DIM C	DIM B	DIM A	POS.	PART NUMBER
TAPE REEL	NATURAL WHITE	14.90	16.00	12.00	7P	9-440054-7
POLY BAG	BROWN	10.90	12.00	8.00	5P	4-440054-1
	GREEN	22.90	24.00	20.00	11P	9-440054-3
		10.90	12.00	8.00	5P	9-440054-6
		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
	RED	16.90	18.00	14.00	8P	8-440054-0
		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
		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
	BLUE	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
TAPE REEL	NATURAL WHITE	20.90	22.00	18.00	10P	9-440054-0
POLY BAG		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

OBSOLETE
OBSOLETE

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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	16JUL2004
CHK	S. HOU	16JUL2004
APVD	W.J. KE	16JUL2004
PRODUCT SPEC	108-57100	
APPLICATION SPEC	—	
WEIGHT	— GRAMS	

TE Connectivity

NAME: 2.0 MM PITCH HPI VERTICAL POST HEADERS

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

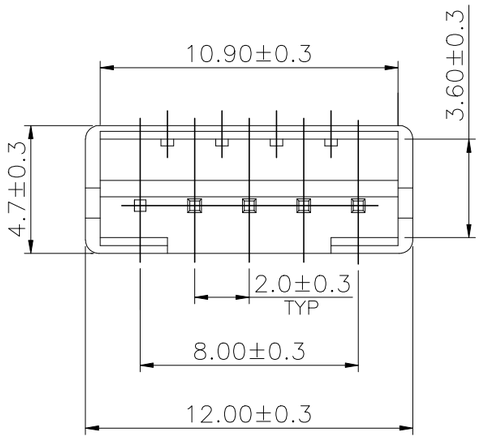
CUSTOMER DRAWING | SCALE — | SHEET 1 OF 10 | REV F9

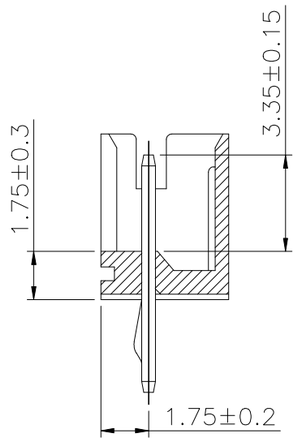
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LOC	DIST
DW	—

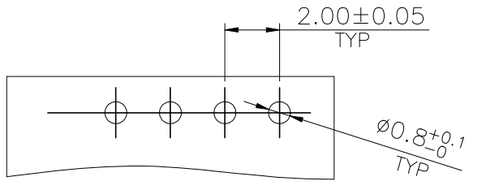
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



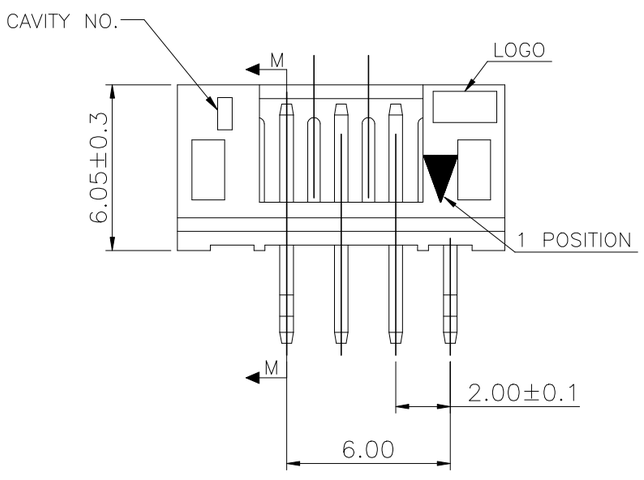


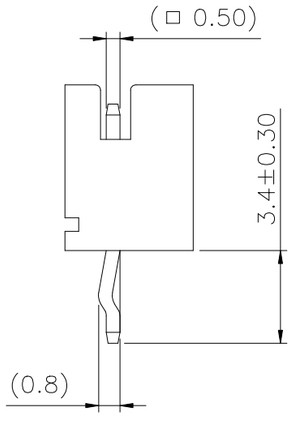
SECTION M–M

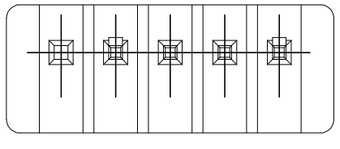


RECOMMENDER PCB LAYOUT

(PCB THK=1.0~1.6mm)







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

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 (PAGE 1.)

FINISH: SEE NOTE (PAGE 1.)

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	—

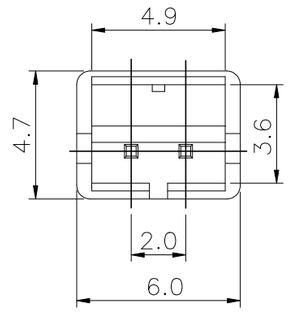
SCALE: — SHEET: 2 OF 10 REV: F9

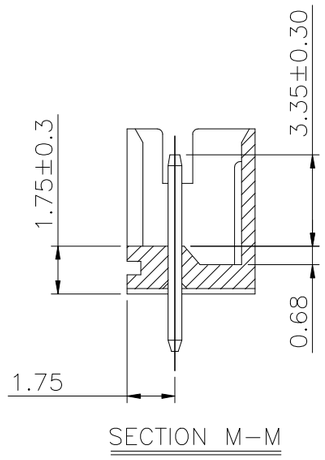
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LOC	DIST
DW	—

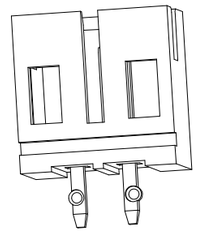
REVISIONS

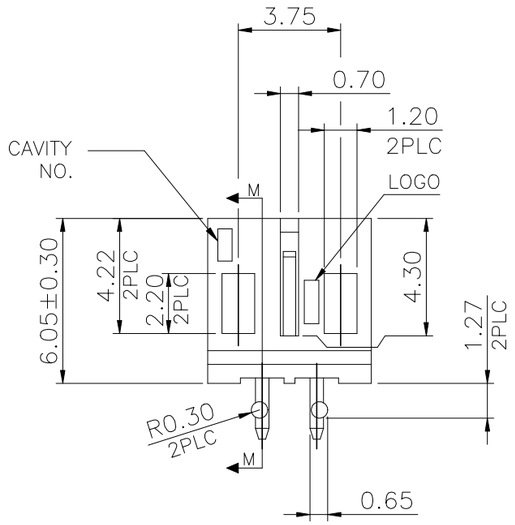
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

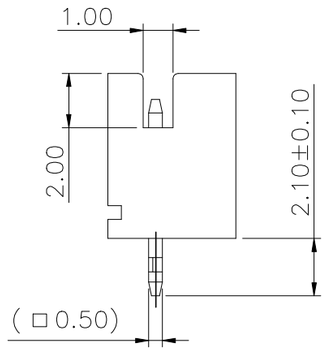


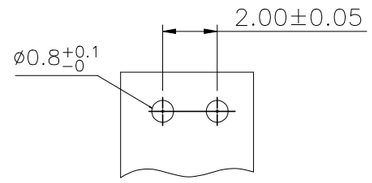


SECTION M–M

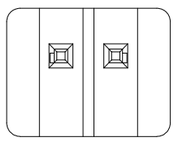








RECOMMENDED PCB LAYOUT
(PCB THK=1.0MM~1.6MM)



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

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 (PAGE 1.)

FINISH: SEE NOTE (PAGE 1.)

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	—

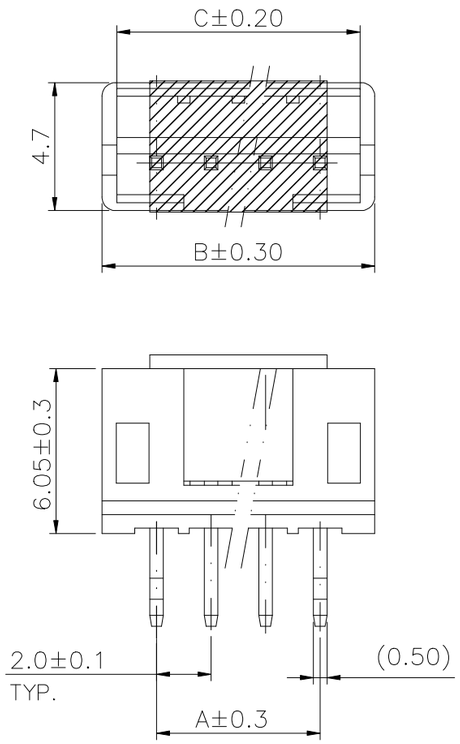
SCALE — | SHEET 3 OF 10 | REV F9

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LOC	DIST
DW	—

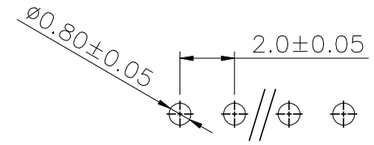
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

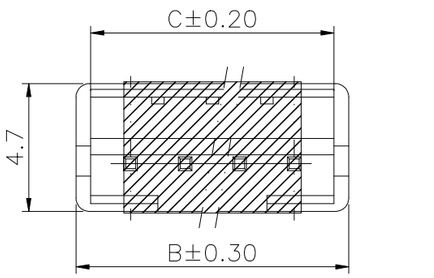


9-440054-1 & 9-440054-4

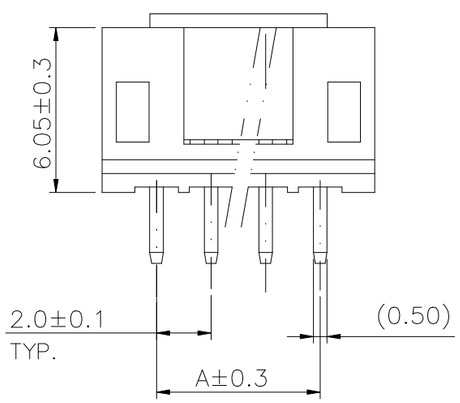
NOTES:
1. MATERIAL:
HOUSING: NYLON 6T, UL94V-0, COLOR: SEE TABLE.
CONTACT: BRASS, THICKNESS=0.50mm.
2. FINISH:
2.03um[80u"] MIN. BRIGHT-TIN PLATING ON CONTACT.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.
3. (SMT) REFLOW PROCESS NEED AFFORD 260°C.
4. FINISH:
0.762um[30u"] GOLD PLATING OVER ALL.
1.27um[50u"] MIN. NICKEL ENTIRE CONTACT UNDERPLATED.



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



8-440054-7 & 8-440054-6



4	WITH	TAPE REEL	NATURAL WHITE	14.90	16.00	12.00	7P	8-440054-7
4	WITH	TAPE REEL	NATURAL WHITE	8.90	10.00	6.00	4P	8-440054-6
2	WITHOUT	TAPE REEL	NATURAL WHITE	8.90	10.00	6.00	4P	9-440054-1
2	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.

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.)

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME: 2.0 MM PITCH HPI VERTICAL POST HEADERS

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

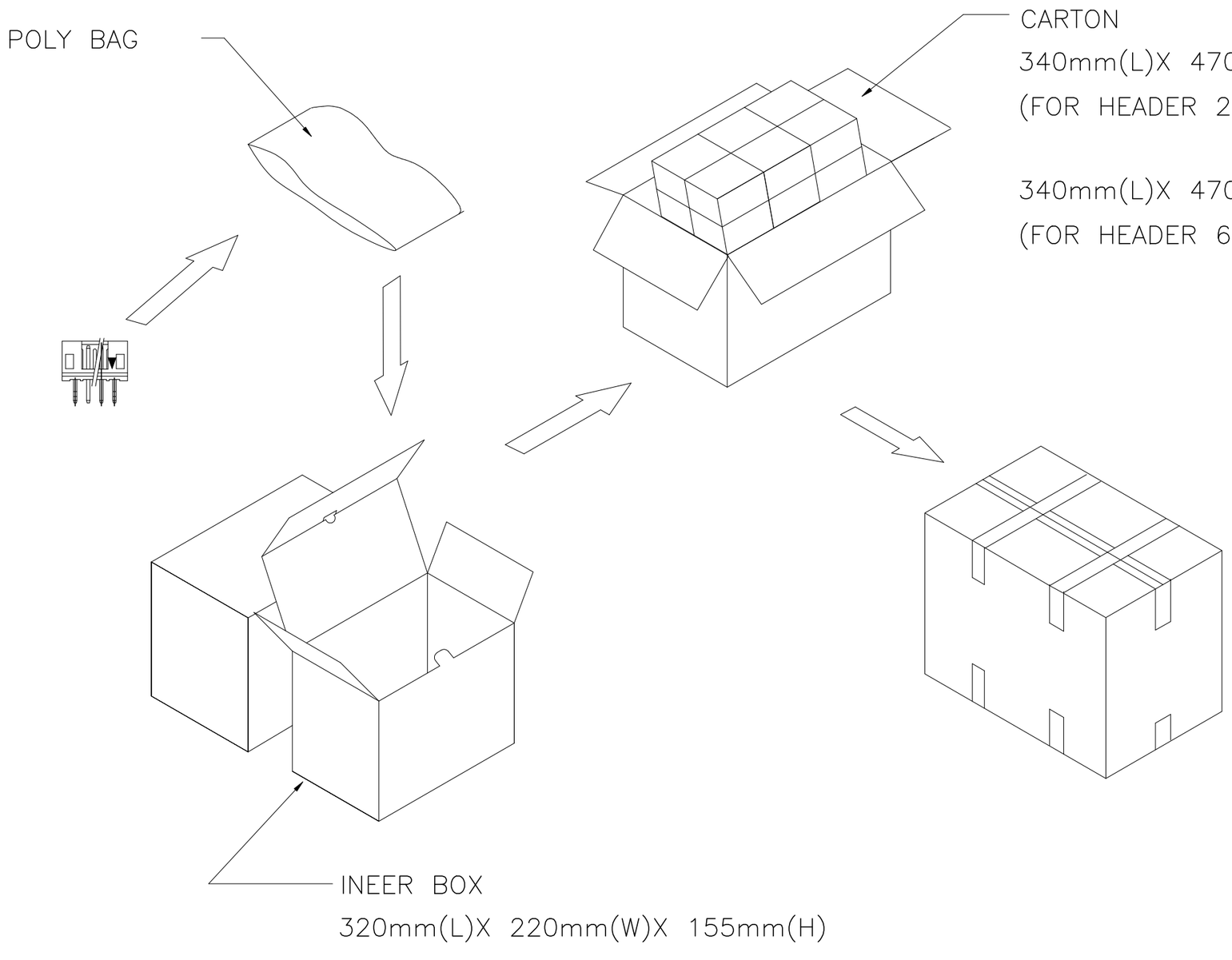
CUSTOMER DRAWING | SCALE — | SHEET 4 OF 10 | REV F9

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LOC	DIST
DW	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



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

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DIMENSIONS: MM

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

MATERIAL –
FINISH –

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS

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

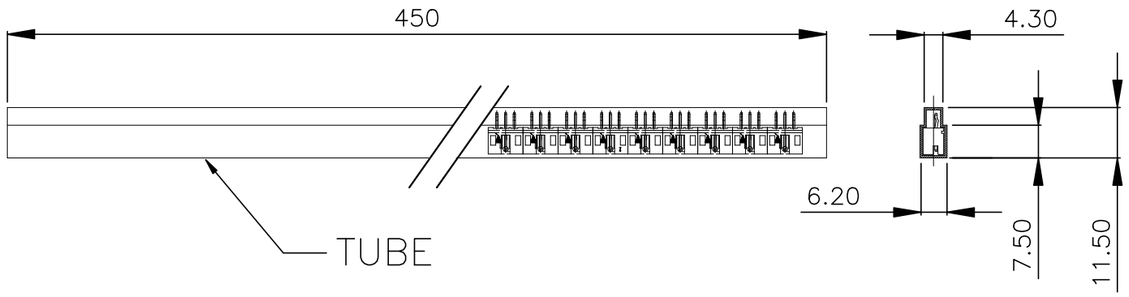
CUSTOMER DRAWING | SCALE — | SHEET 5 OF 10 | REV F9

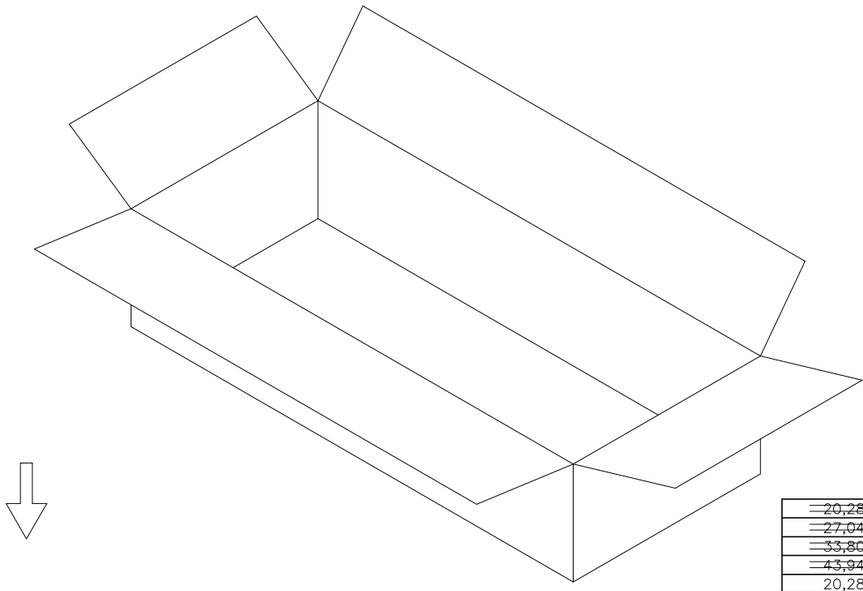
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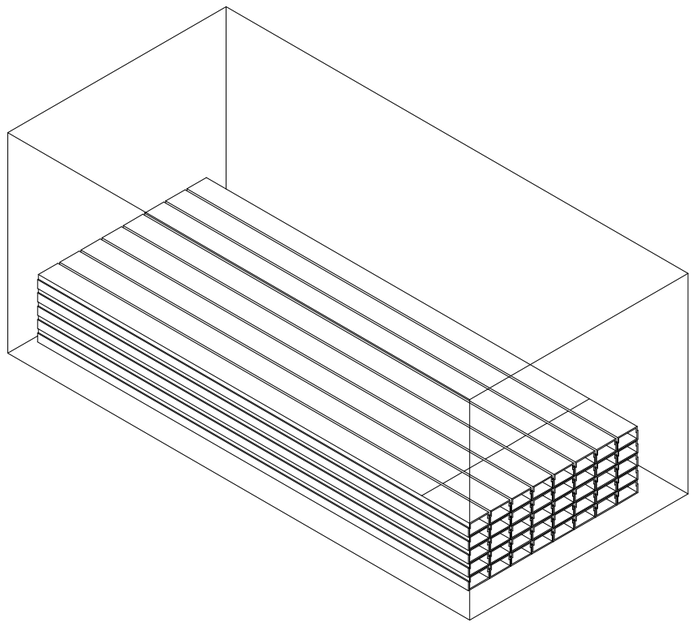
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DW	

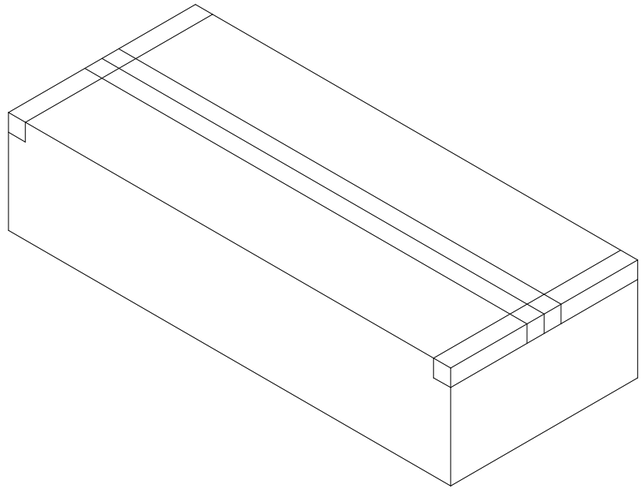
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			









APQ (PCS/CARTON)	PPQ (PCS/TUBE)	POS.	PART NUMBER
~~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

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DIMENSIONS: MM

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

MATERIAL –

FINISH –

DWN
CHK
APVD
PRODUCT SPEC –
APPLICATION SPEC –
WEIGHT –

TE Connectivity

NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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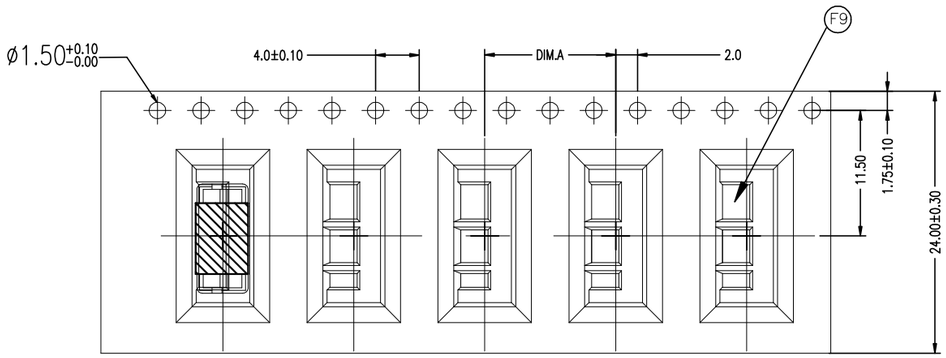
CUSTOMER DRAWING | SCALE – | SHEET 6 OF 10 | REV F9

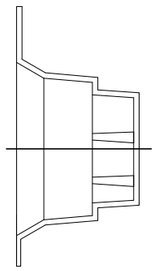
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LOC	DIST
DW	—

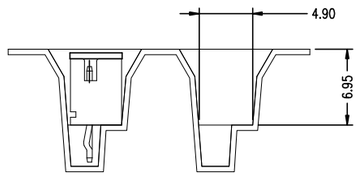
REVISIONS

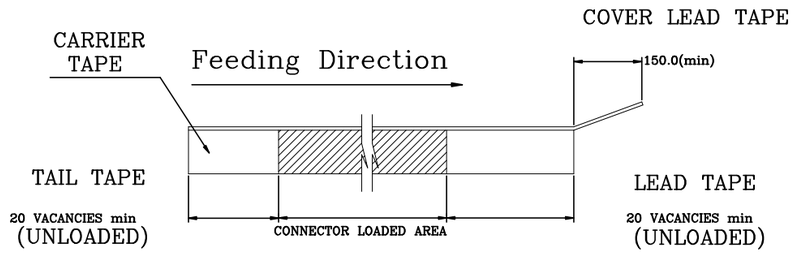
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			





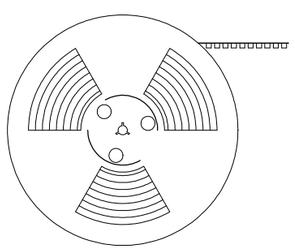
Feeding Direction

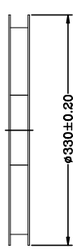




500PCS/Reel

Feeding Direction





12.0	WITH	2000	500	4P	8−440054−6
12.0	WITH	2000	500	4P	9−440054−4
DIM.A	CAP	APQ (PCS/CARTON)	PPQ (PCS/REEL)	POS.	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

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

MATERIAL –

FINISH –

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C−440054	—

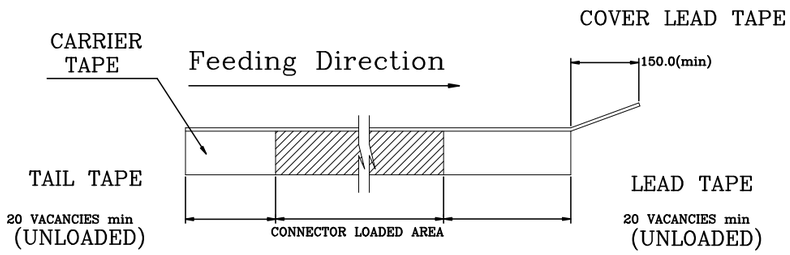
CUSTOMER DRAWING | SCALE — | SHEET 7 OF 10 | REV F9

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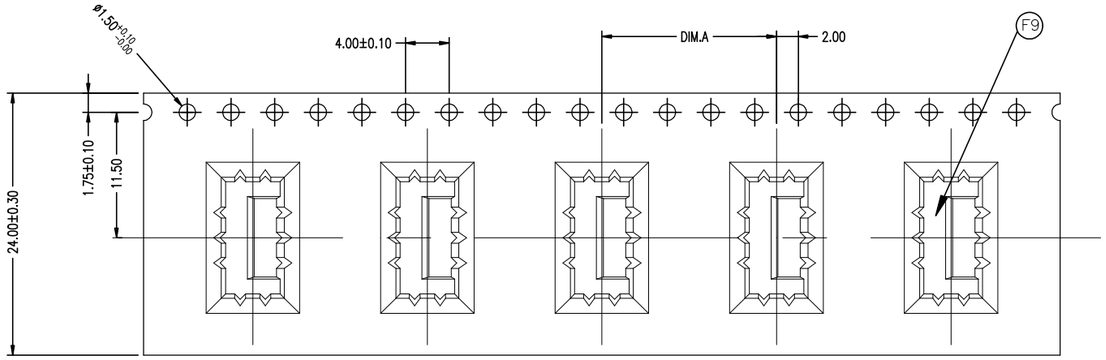
LOC	DIST
DW	—

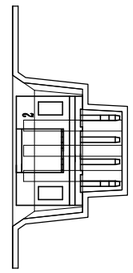
REVISIONS

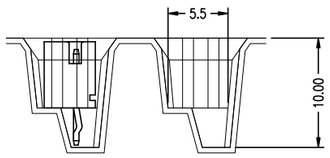
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



450PCS/Reel

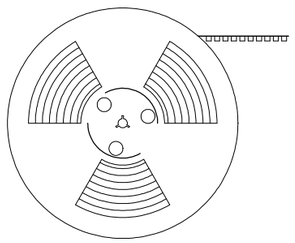


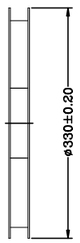




Feeding Direction

Feeding Direction





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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES 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

TE Connectivity

NAME 2.0 MM PITCH HPI VERTICAL POST HEADERS

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

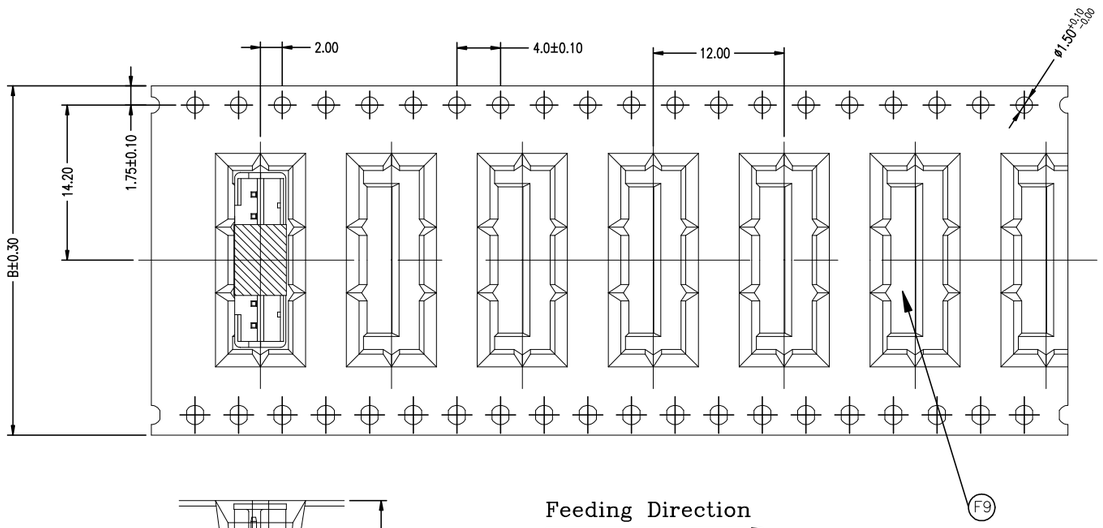
SCALE — SHEET 8 OF 10 REV F9

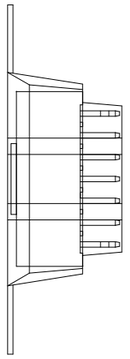
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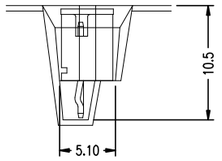
LOC	DIST
DW	—

REVISIONS

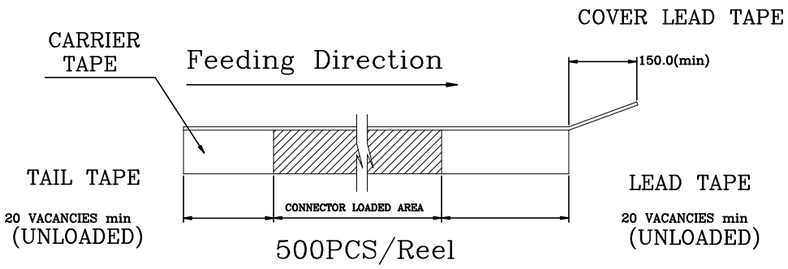
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

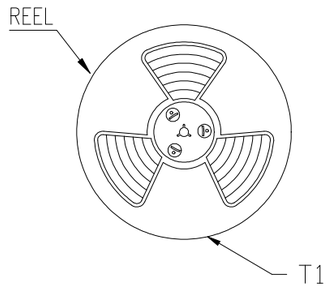


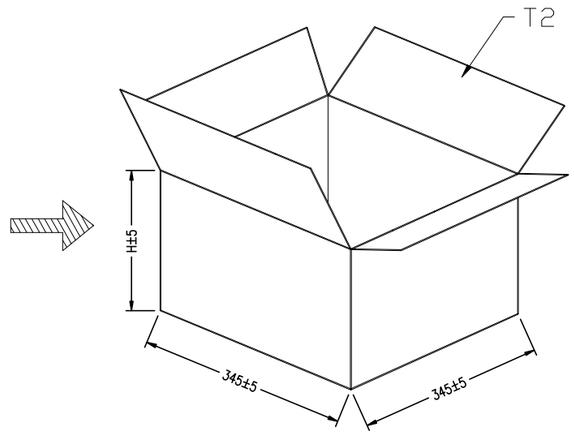


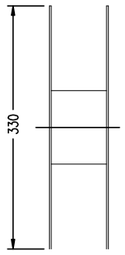


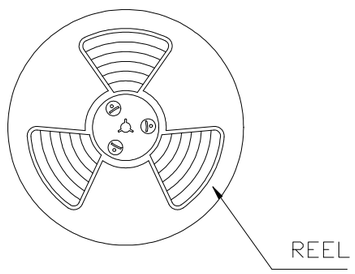
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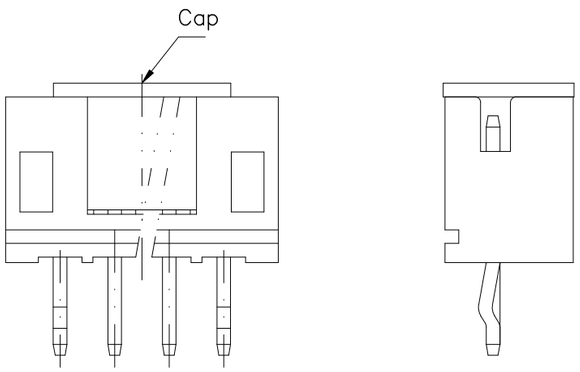












NOTE:
8-/9-440054-7 7POS WAVE SOLDER PART CAP TYPE.

H(mm)	POS	PCS./REEL	PCS/CARTON-T2
125	7P	500 PCS.	500X3=1500PCS.

B(mm)	APQ (PCS/CARTON)	PPQ (PCS/REEL)	POS.	PART NUMBER
32.0	1500	500	7P	8-440054-7
32.0	1500	500	7P	9-440054-7

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DIMENSIONS: MM

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

MATERIAL –
FINISH –

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
2.0 MM PITCH HPI VERTICAL POST HEADERS

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

CUSTOMER DRAWING | SCALE — | SHEET 9 OF 10 | REV F9

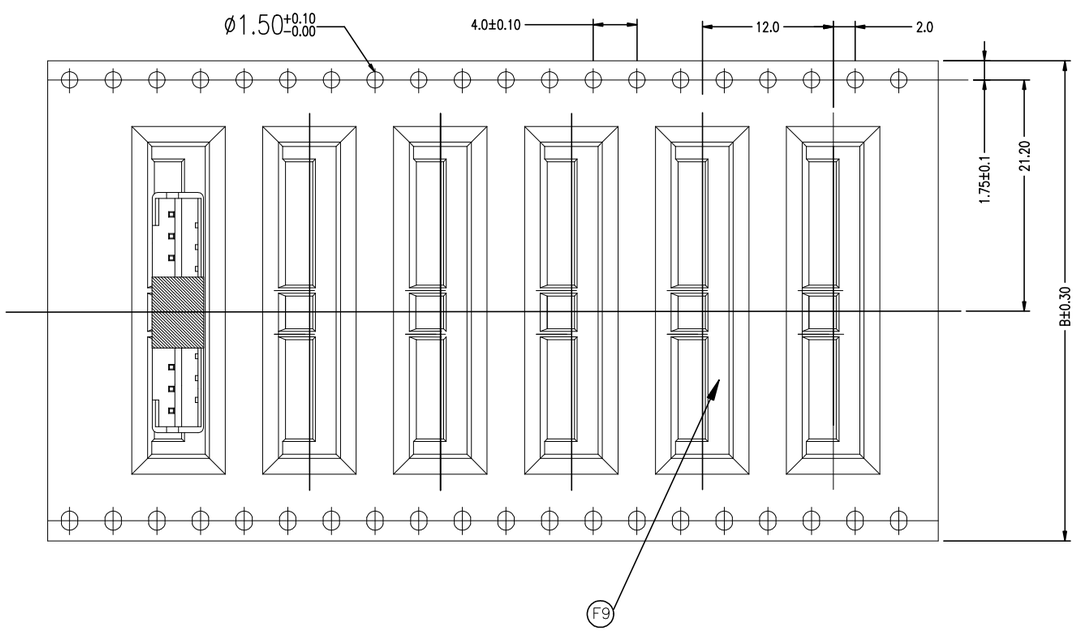
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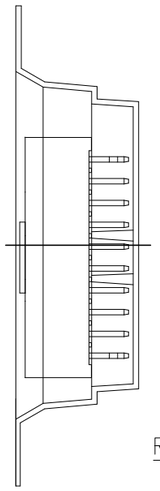
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DW	—

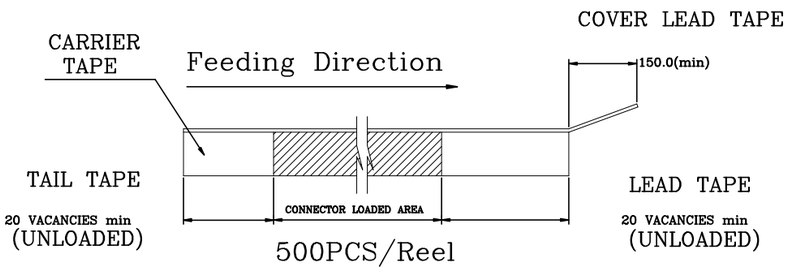
REVISIONS

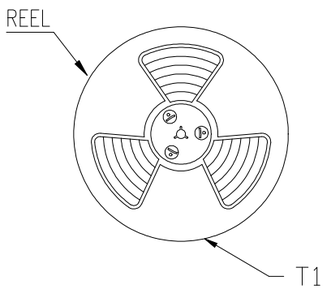
P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

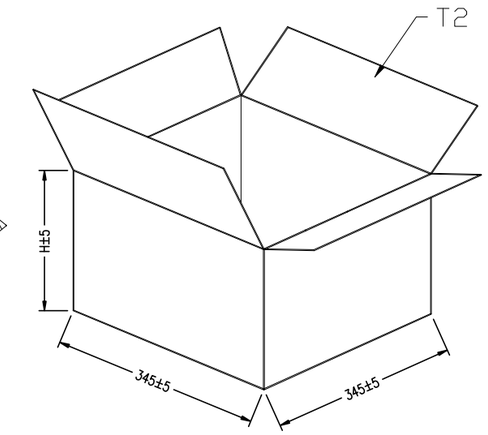
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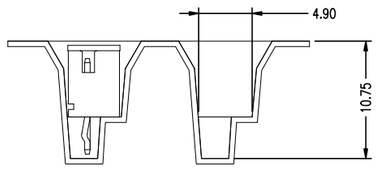


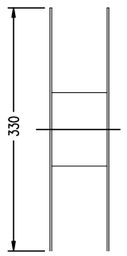


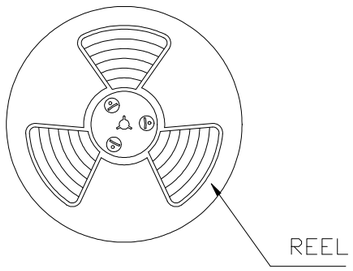




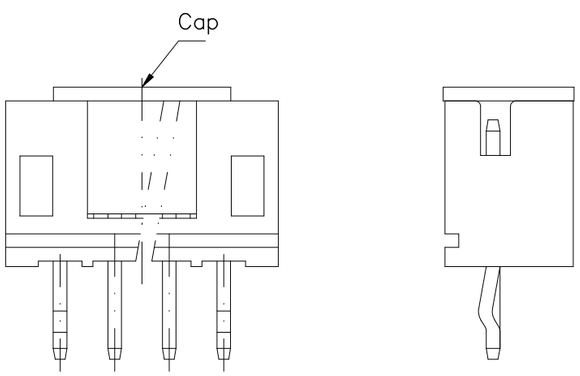








NOTE:
9-440054-0 10POS WAVE SOLDER PART CAP TYPE.



F9 ADD SHEET 10/10

H(mm)	POS	PCS./REEL	PCS/CARTON−T2
225	10P	500 PCS.	500X4=2000PCS.

44.0	2000	500	10P	9−440054−0
B(mm)	APQ (PCS/CARTON)	PPQ (PCS/REEL)	POS.	PART NUMBER

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DIMENSIONS: MM

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0 PLC ± –
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2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN
CHK
APVD
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT —

TE Connectivity

NAME
2.0 MM PITCH HPI VERTICAL POST HEADERS

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C−440054	—

CUSTOMER DRAWING | SCALE — | SHEET 10 OF 10 | REV F9

Unikeyic Electronics

Global Electronic Components Distributor

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1393431-1 2834055-1 TE50BR39J 2-292161-3 CPF0402B37K4E1 SBCHE64R7K 175977-2 RH73H2A40MKTN 1-962915-1 2377783-2 SBCHE154R7K SMW73R0JT 1-794222-0 2310537-1 3-1393225-0 3631B101LL 650075-000 936348-1 MPT100C18RF 1743455-2 3430B2F51RTDF 917696-1 CRGCQ2010J3K3 ROX05SJ18R U5254-000005-030PA 1969656-1 2005330-1 141991-2 1903112-2 2380312-2