

4

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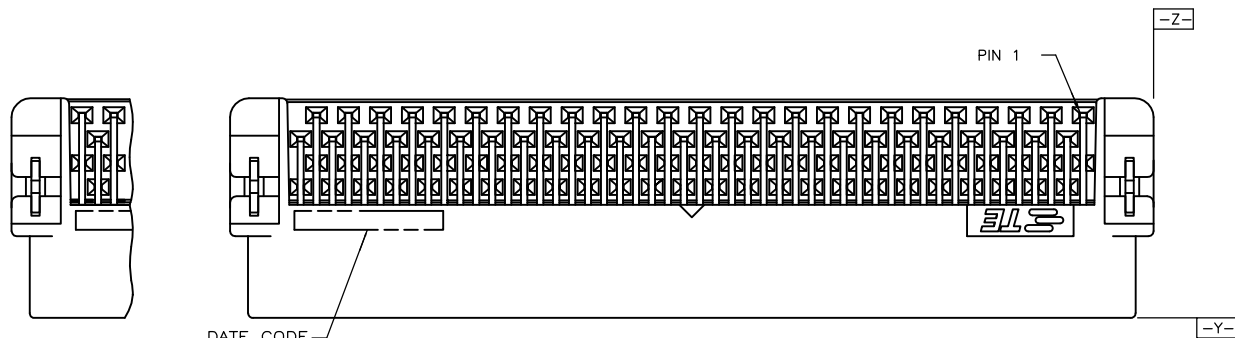
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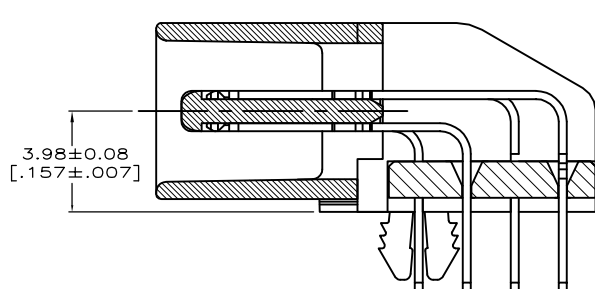
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	H	REVISED PER ECO-17-013991	22SEP2017	RG	SH

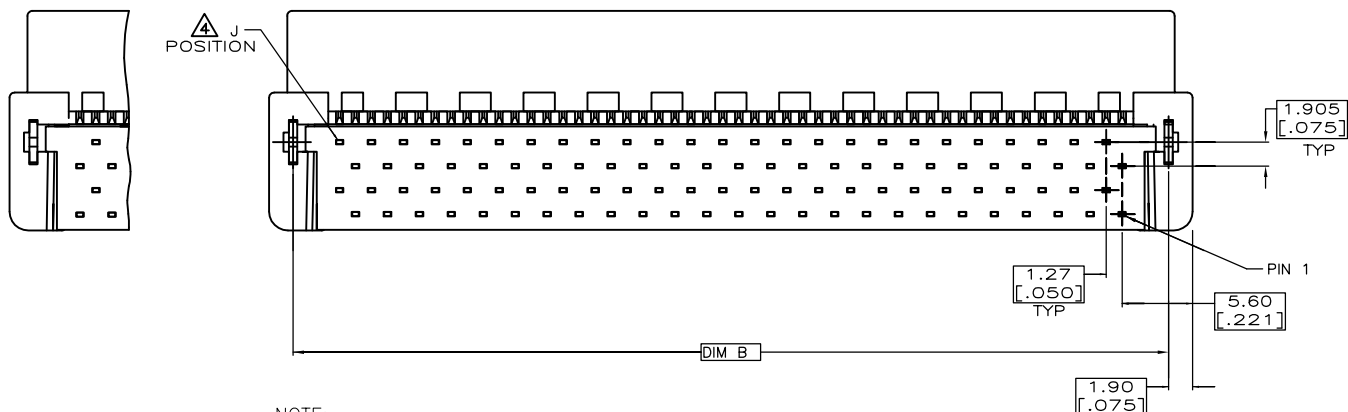
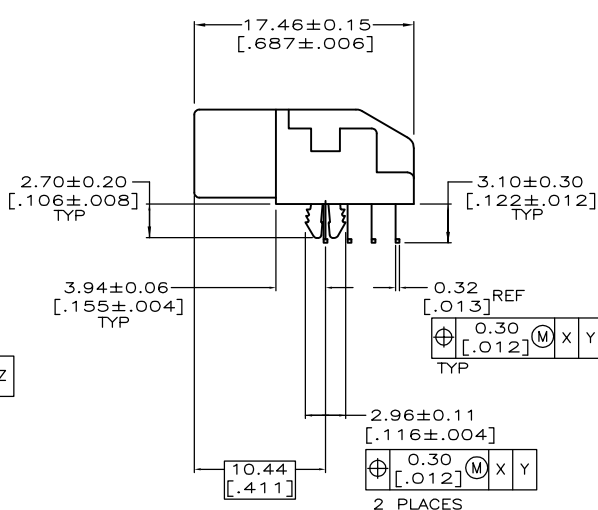
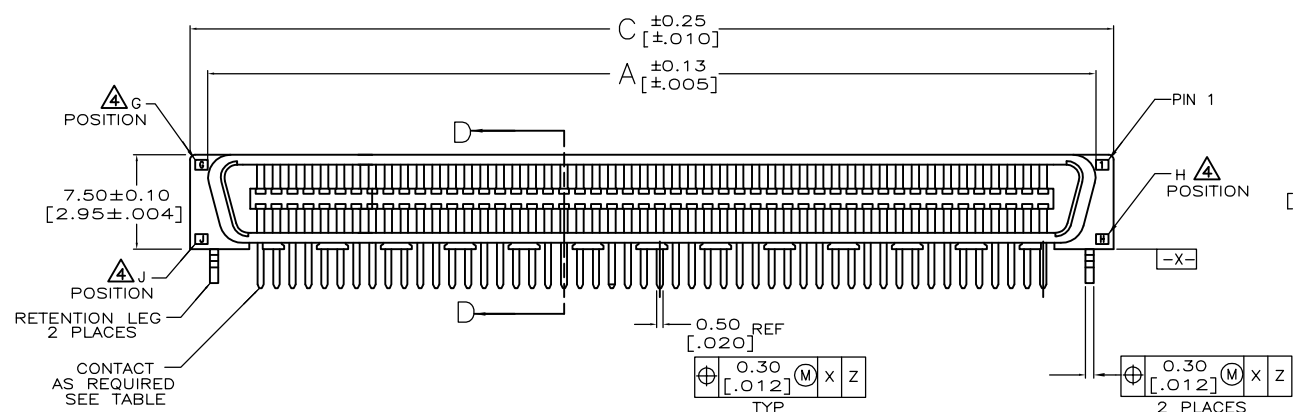


FOR 50 AND 130 POSITIONS ONLY

FOR 40, 60, 68, 80, 100, 120, 140, 160, 180 AND 200 POSITIONS ONLY



SECTION D-D
SCALE 8:1



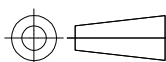
NOTE:

- MATERIAL:
HOUSING: LCP, UL 94V-0, BLACK COLOR.
CONTACTS: BRASS.
BOARDLOCKS: BRASS.
- FINISH:
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,
3.81µm [150µ"] MIN. MATTE-TIN ON SOLDER TAIL, OVER
1.27µm [50µ"] MIN. NICKEL UNDERPLATED.
BOARDLOCKS: 3.81µm [150µ"] MIN. TIN-Cu OVER
1.27µm [50µ"] MIN. UNDERPLATED.
- WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.
109-202, CONDITION B.
- G, J, H INDICATE NUMBER OF POSITION MARKED ON ASSEMBLY.
ALSO SEE TABLE.
- GOLD FLASH OVER
0.762µm [30µ"] MIN. PALLADIUM-NICKEL PLATED.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL

SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC	± -
1 PLC	± 0.25
2 PLC	± 0.2
3 PLC	± -
4 PLC	± -
ANGLES	± -

FINISH

SEE NOTE

DWN	F. YANG	31MAR2009
CHK	S. CHIEN	31MAR2009
APVD	W. KODAMA	31MAR2009
PRODUCT SPEC	108-57876	
APPLICATION SPEC	-	
WEIGHT	0	
CUSTOMER DRAWING		



TE Connectivity

NAME			
PLUG ASSEMBLY, R/A, BTB, CHAMP .050, SERIES I			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734099	-
SCALE		SHEET	REV
-		1 of 5	H

ⓔ1 OBSOLETE

ⓔ1 OBSOLETE

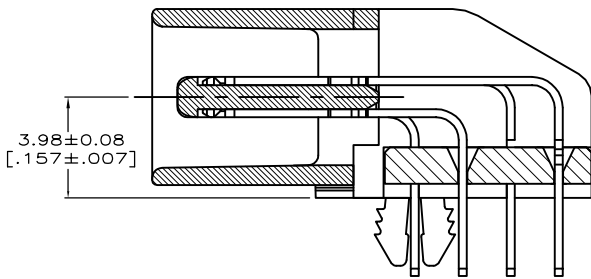
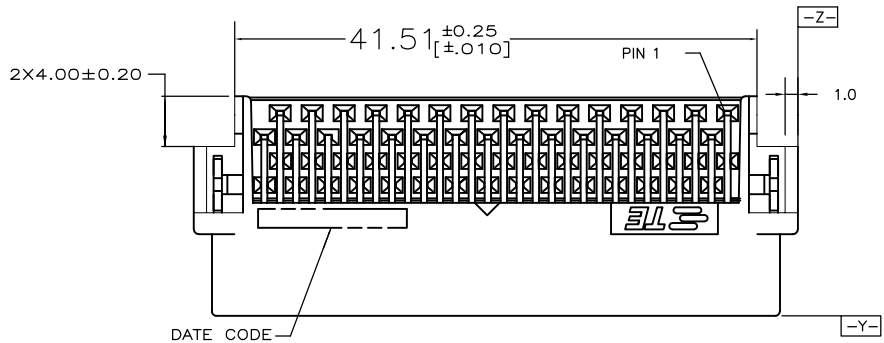
	136.93 [5.891]	133.13 [5.241]	134.07 [5.278]	100	200	101	GOLD FLASH	5-1734099-8	200
							0.381µm[15µ"]	3-1734099-8	
							△	1-1734099-8	
	111.53 [4.391]	107.73 [4.241]	108.67 [4.278]	80	160	81	GOLD FLASH	5-1734099-6	160
							0.381µm[15µ"]	3-1734099-6	
							△	1-1734099-6	
	98.83 [3.891]	95.03 [3.741]	95.97 [3.778]	70	140	71	GOLD FLASH	5-1734099-4	140
							0.381µm[15µ"]	3-1734099-4	
							△	1-1734099-4	
	86.13 [3.391]	82.33 [3.241]	83.27 [3.278]	20	120	61	GOLD FLASH	5-1734099-2	120
							0.381µm[15µ"]	3-1734099-2	
							△	1-1734099-2	
	73.43 [2.891]	69.63 [2.741]	70.57 [2.778]	50	100	51	GOLD FLASH	5-1734099-0	100
							0.381µm[15µ"]	3-1734099-0	
							△	1-1734099-0	
	60.73 [2.391]	56.93 [2.241]	57.87 [2.278]	40	80	41	GOLD FLASH	4-1734099-8	80
							0.381µm[15µ"]	2-1734099-8	
							△	1734099-8	
	53.11 [2.091]	49.31 [1.941]	50.25 [1.978]	34	68	35	GOLD FLASH	4-1734099-7	68
							0.381µm[15µ"]	2-1734099-7	
							△	1734099-7	
	48.03 [1.891]	44.23 [1.741]	45.17 [1.778]	30	60	31	GOLD FLASH	4-1734099-6	60
							0.381µm[15µ"]	2-1734099-6	
							△	1734099-6	
	41.68 [1.641]	37.88 [1.491]	38.82 [1.528]	25	50	26	GOLD FLASH	4-1734099-5	50
							0.381µm[15µ"]	2-1734099-5	
							△	1734099-5	
	35.33 [1.391]	31.53 [1.241]	32.47 [1.278]	20	40	21	GOLD FLASH	4-1734099-4	40
							0.381µm[15µ"]	2-1734099-4	
							△	1734099-4	
C	B	A	G△	J△	H△		GOLD PLATED	PART NUMBER	POS.

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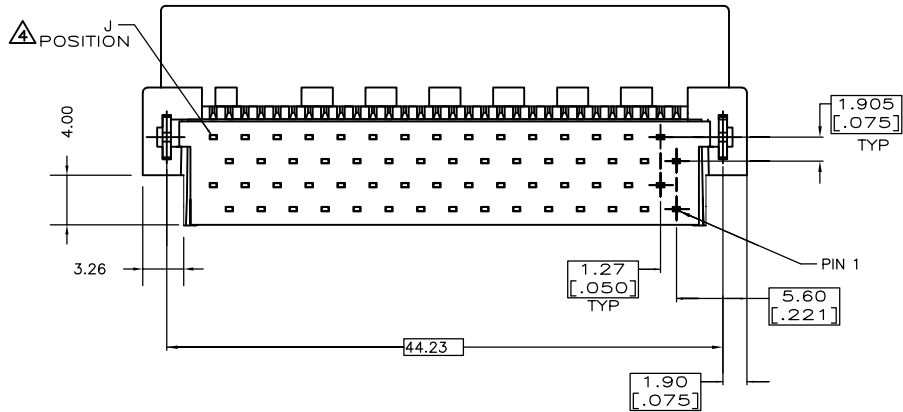
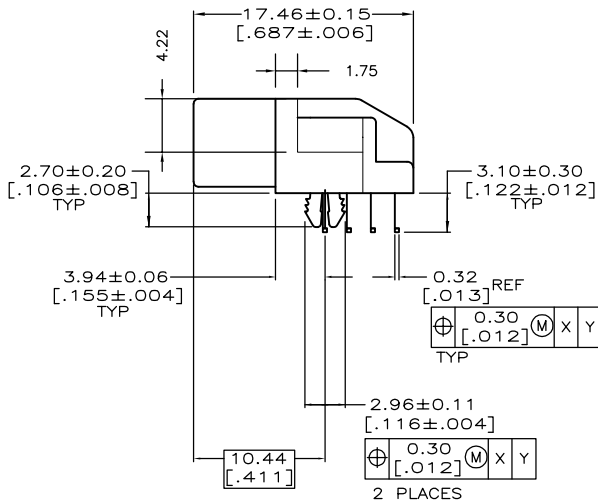
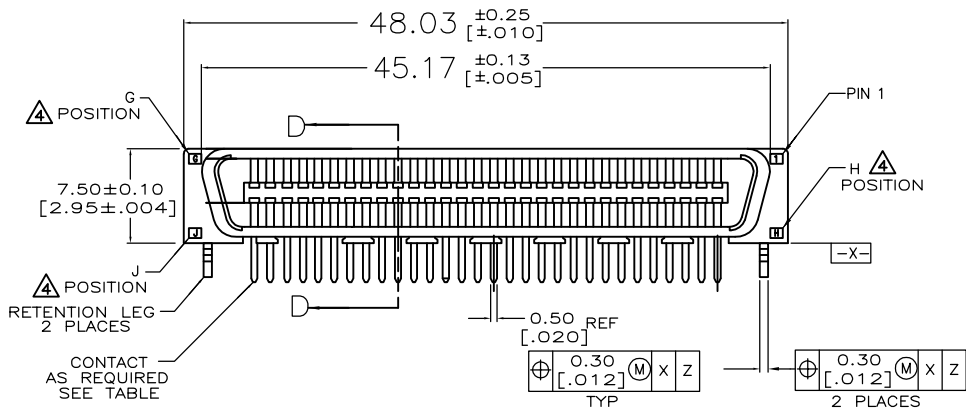
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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



SECTION D-D
SCALE 8:1



30	60	31	GOLD FLASH	9-1734099-6	
			0.381um[15u"]	8-1734099-6	60
				7-1734099-6	
G	A	J	H	GOLD PLATED	PART NUMBER
					POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm

MATERIAL

SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± 0.25

2 PLC ± 0.2

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

SEE NOTE

DWN F. YANG 31MAR2009

CHK S. CHIEN 31MAR2009

APVD W. KODAMA 31MAR2009

PRODUCT SPEC

108-57876

APPLICATION SPEC

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME

PLUG ASSEMBLY, R/A,
BTB, CHAMP .050, SERIES I

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779C-1734099

SCALE

SHEET 2 of 5

REV H

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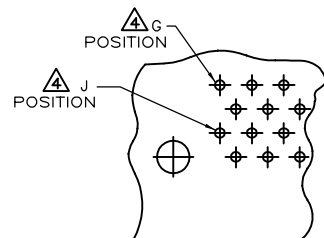


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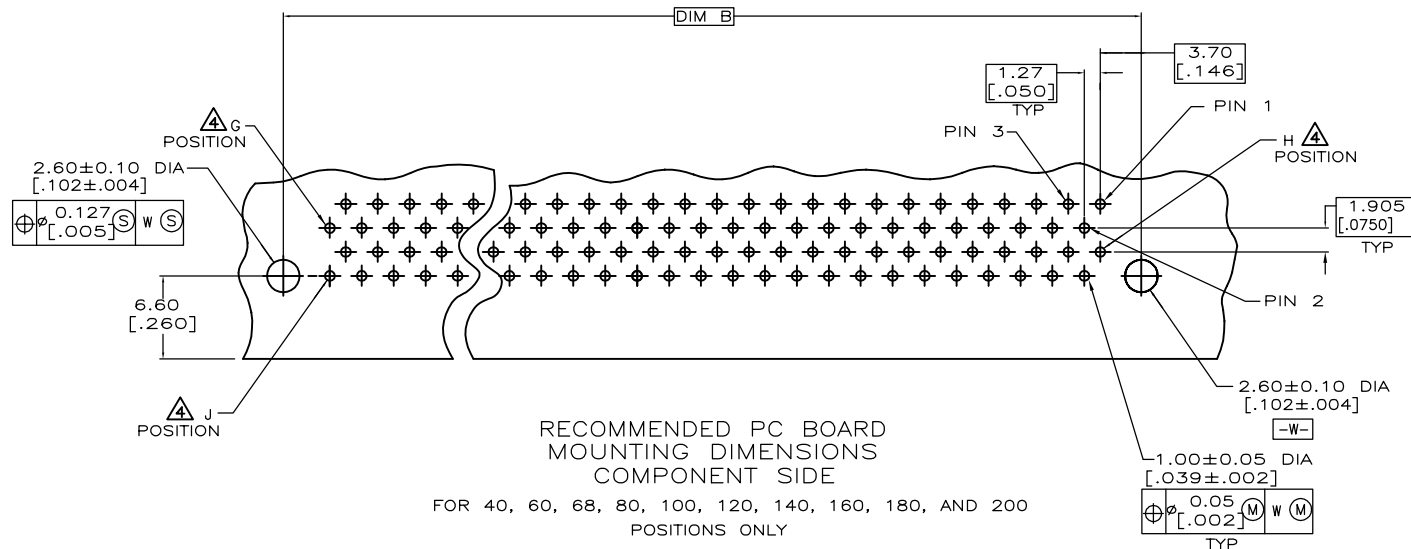
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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

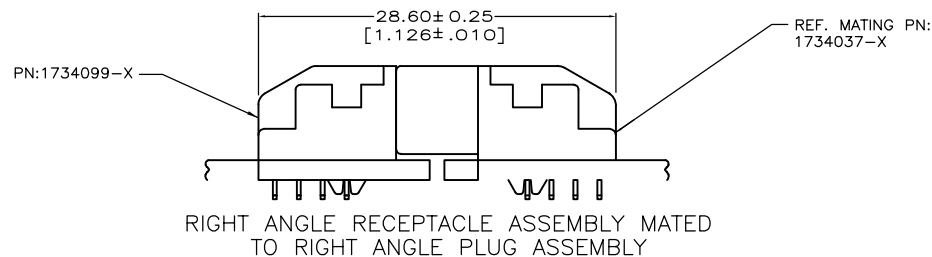


FOR 50, AND 130
POSITIONS ONLY

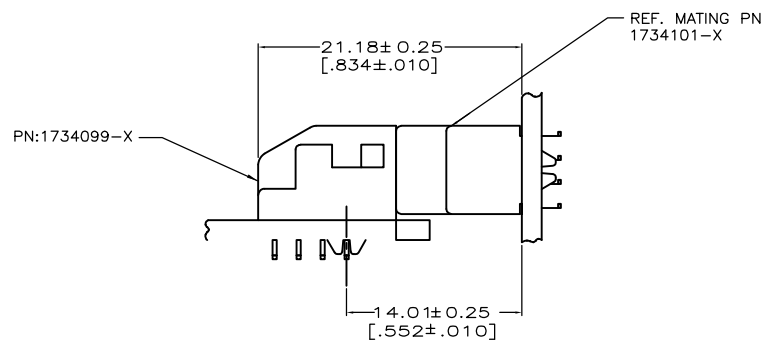


RECOMMENDED PC BOARD
MOUNTING DIMENSIONS
COMPONENT SIDE

FOR 40, 60, 68, 80, 100, 120, 140, 160, 180, AND 200
POSITIONS ONLY



RIGHT ANGLE RECEPTACLE ASSEMBLY MATED
TO RIGHT ANGLE PLUG ASSEMBLY

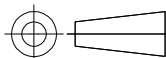


RIGHT ANGLE RECEPTACLE ASSEMBLY MATED
TO VERTICAL PLUG ASSEMBLY

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	-



TE Connectivity

NAME			
PLUG ASSEMBLY, R/A, BTB, CHAMP .050, SERIES I			
SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734099	-
CUSTOMER DRAWING		SCALE	SHEET
		-	3 of 5
		REV	H

4

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1

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

D

D

C

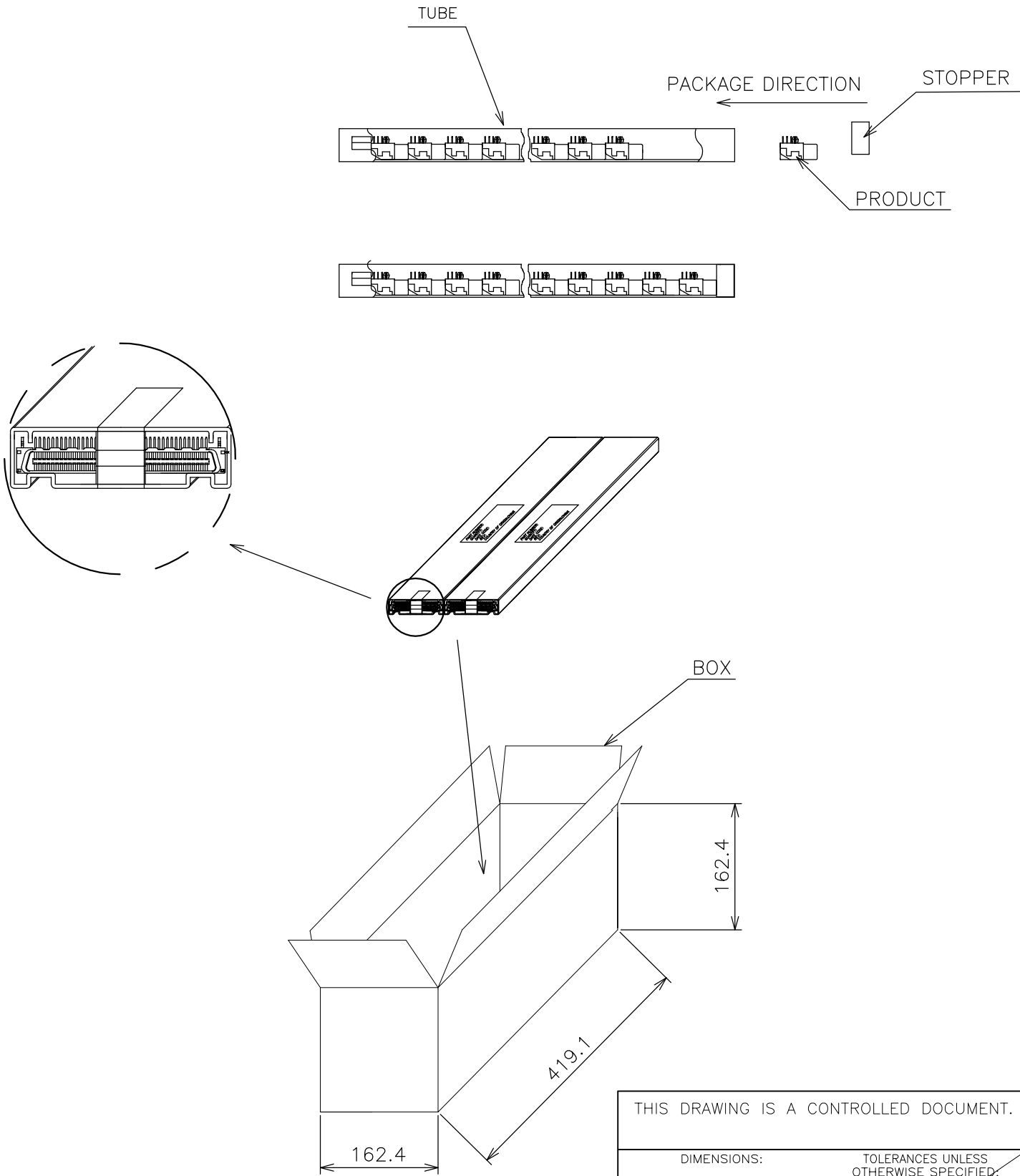
C

B

B

A

A



100	21	16	336	2.60	3.44	5-1734099-0
						3-1734099-0
						1-1734099-0
80	21	16	336	2.15	3.00	4-1734099-8
						2-1734099-8
						1734099-8
POS.	Q'TY/ TUBE	TUBE/ BOX	Q'TY/ BOX	N/W (KG)	G/W (KG)	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

± —

± —

± —

± —

± —

ANGLES

± —

MATERIAL

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

—

—

—

—

—

CUSTOMER DRAWING

SCALE

—

SHEET

4 of 5

REV

H

STE

TE Connectivity

NAME

PLUG ASSEMBLY, R/A,
BTB, CHAMP .050, SERIES I

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

00779

C-1734099

—

1470-19 (1/15)

4

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REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

D

D

C

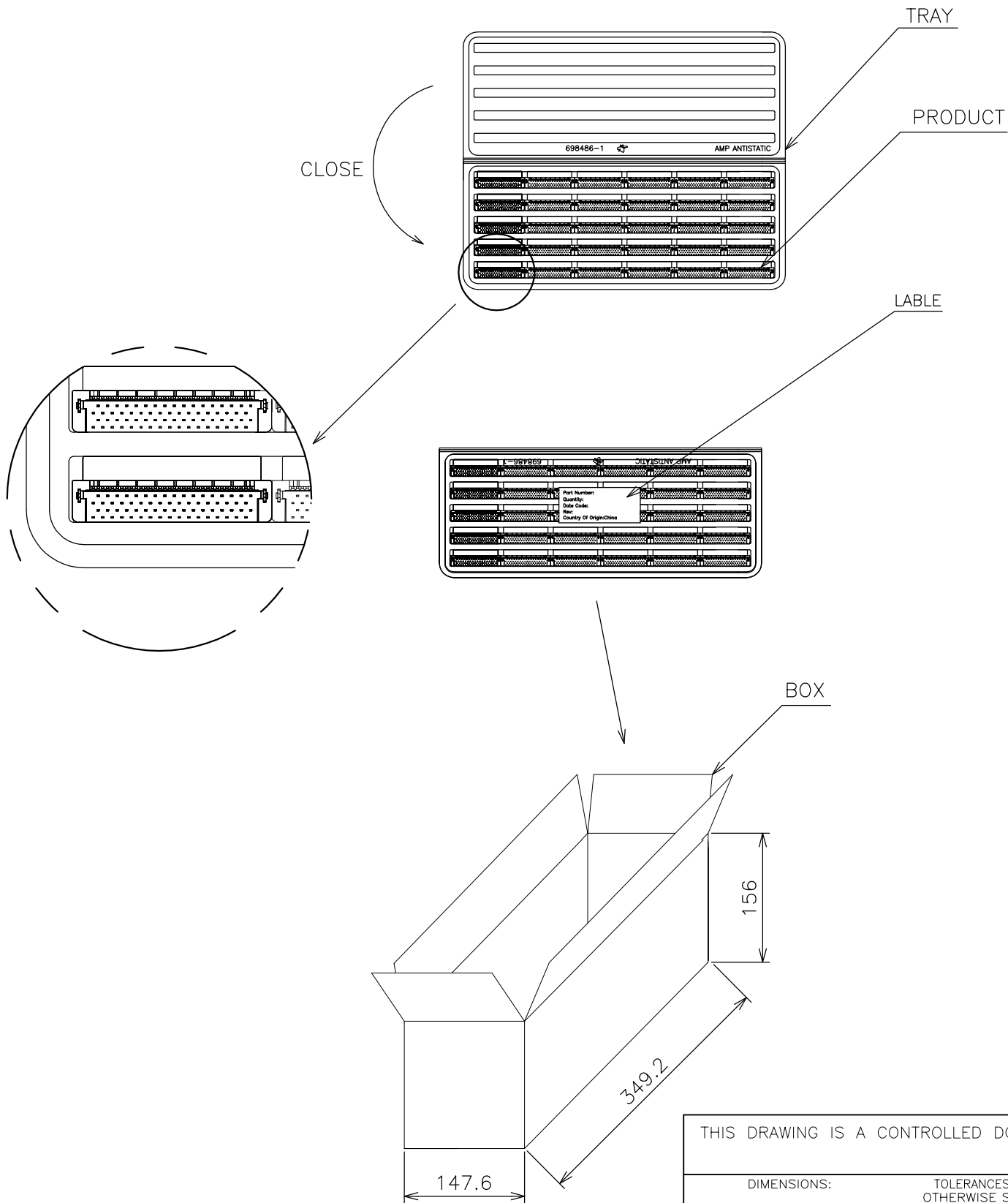
C

B

B

A

A



E1	OBSOLETE							5-1734099-8
			10	10	100	1.40	2.35	3-1734099-8
		200						1-1734099-8
E1	OBSOLETE	160	10	10	100	1.18	2.13	5-1734099-6
								3-1734099-6
								1-1734099-6
E1	OBSOLETE	140	15	10	150	1.59	2.46	5-1734099-4
								3-1734099-4
								1-1734099-4
E1	OBSOLETE	120	15	10	150	1.20	2.15	5-1734099-2
								3-1734099-2
								1-1734099-2
E1	OBSOLETE	68	30	10	300	1.69	2.64	4-1734099-7
								2-1734099-7
								1734099-7
E1	OBSOLETE	60	30	10	300	1.53	2.48	4-1734099-6
								2-1734099-6
								1734099-6
E1	OBSOLETE	50	35	10	350	1.58	2.56	4-1734099-5
								2-1734099-5
								1734099-5
E1	OBSOLETE	40	45	10	450	1.71	2.66	4-1734099-4
								2-1734099-4
								1734099-4
	POS.	Q'TY/ TRAY	TRAY/ BOX	Q'TY/ BOX	N/W (KG)	G/W (KG)	PART NUMBER	