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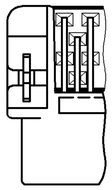
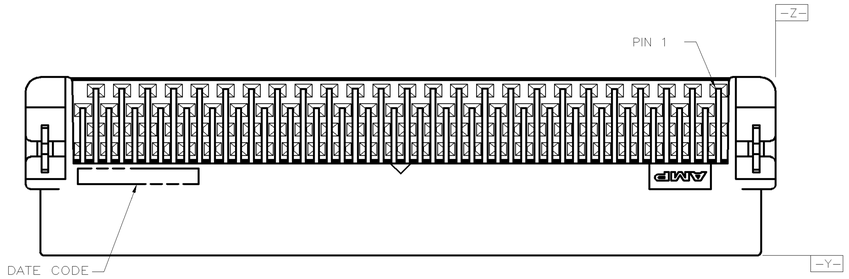
LOC	DIST
DW	—

REVISIONS

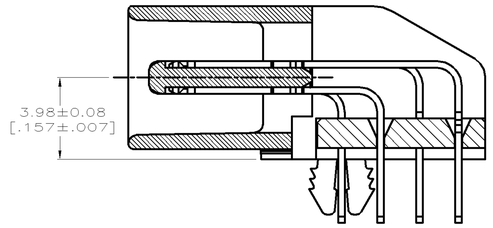
P	LTR	DESCRIPTION	DATE	DWN	APVD
	E	REVISED. (ECR-10-026339)	23MAY11	JC	WK



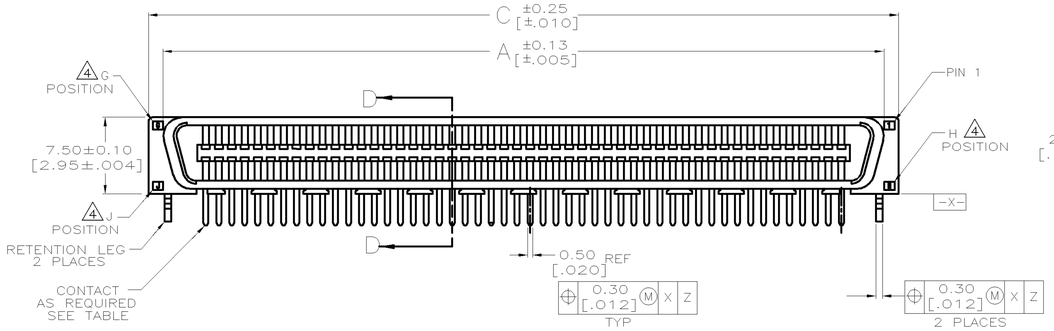
FOR 50 AND 130 POSITIONS ONLY

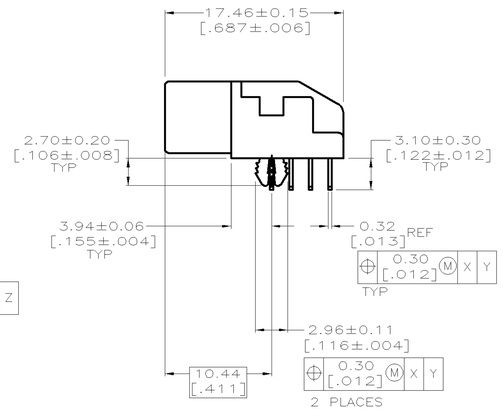


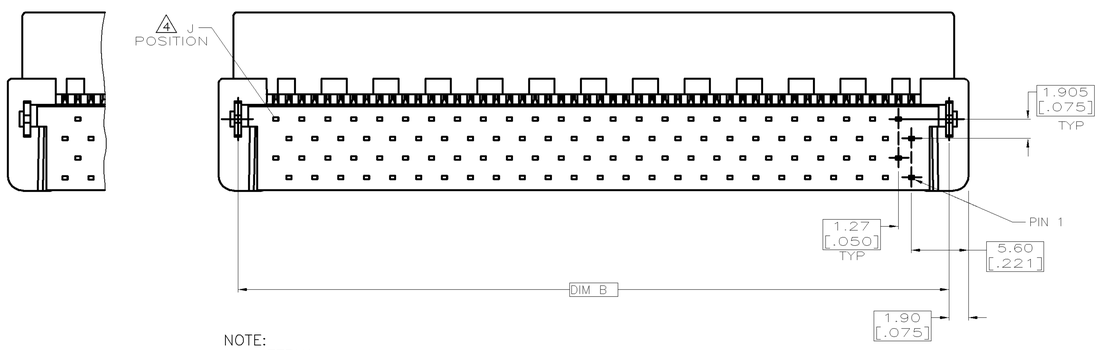
FOR 40, 60, 68, 80, 100, 120, 140, 160, 180 AND 200 POSITIONS ONLY



SECTION D–D
SCALE 8:1







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

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

MATERIAL: SEE NOTE
FINISH: SEE NOTE

DWN F. YANG 31MAR2009
CHK S. CHIEN 31MAR2009
APVD W. KODAMA 31MAR2009
PRODUCT SPEC 108-57876
QUALIFICATION TEST REPORT —
WEIGHT –
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 1 OF 4 REV E

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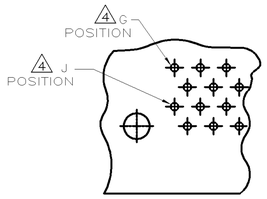
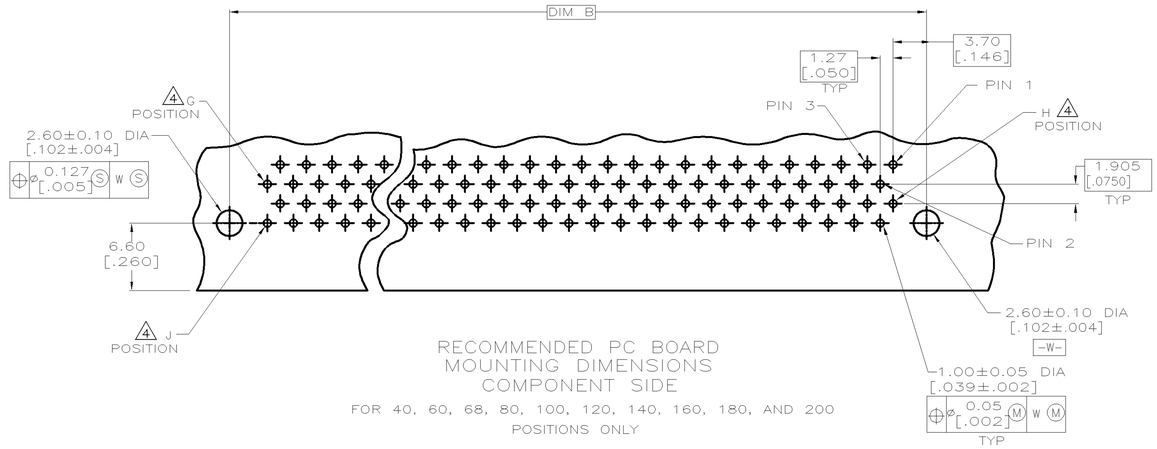
LOC	DIST
DW	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

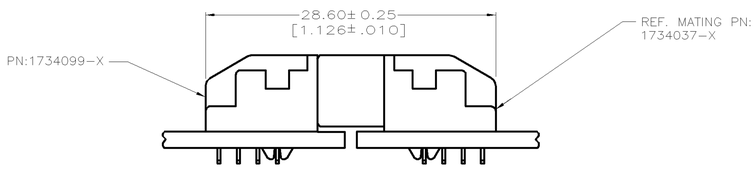


FOR 50, AND 130 POSITIONS ONLY

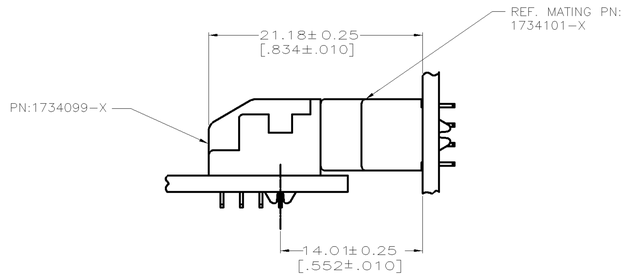


RECOMMENDED PC BOARD MOUNTING DIMENSIONS COMPONENT SIDE

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

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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 —

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
—	2 OF 4	E

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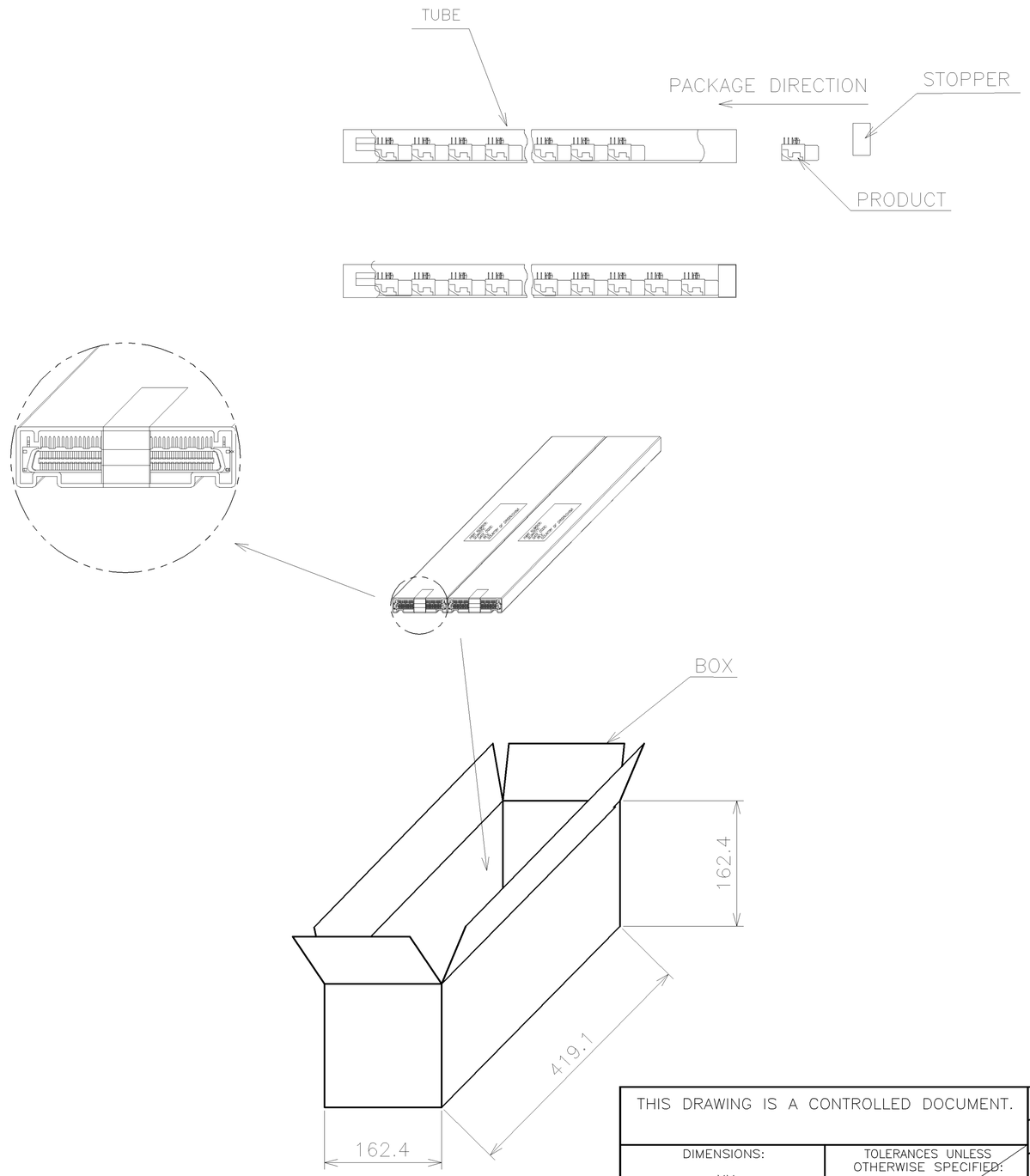
LOC	DIST
DW	–

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



POS.	Q'TY/ TUBE	TUBE/ BOX	Q'TY/ BOX	N/W (KG)	G/W (KG)	PART NUMBER
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

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

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–1734099	—

CUSTOMER DRAWING

SCALE	SHEET	REV
—	3 OF 4	E

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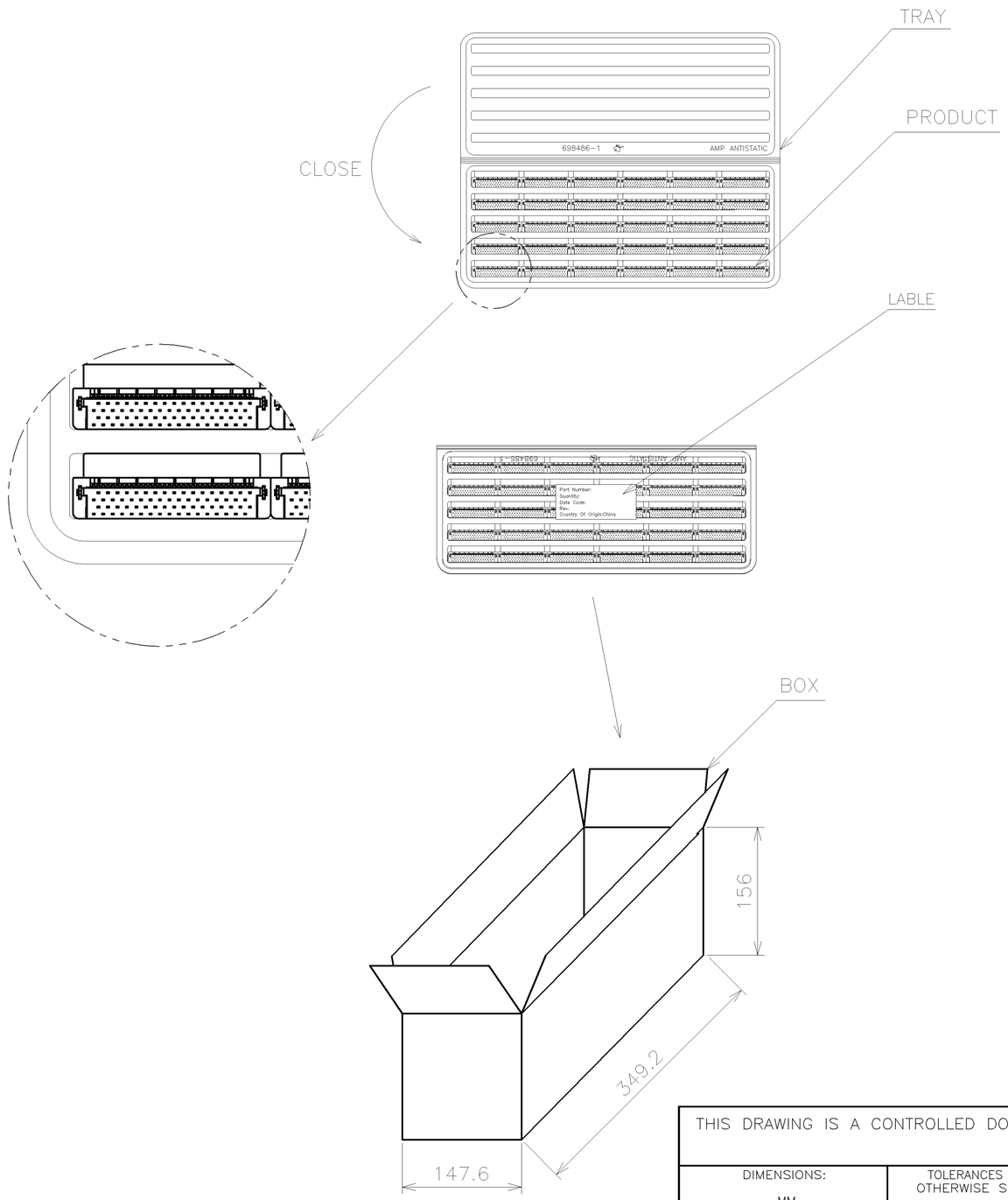
LOC	DIST
DW	—

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			



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

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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 —

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 4 OF 4 REV E