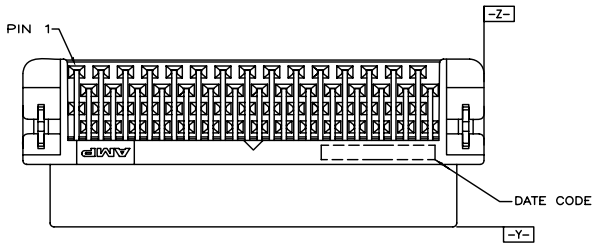
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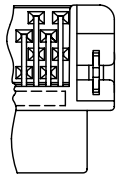
LOC	DIST
DW	–

REVISIONS

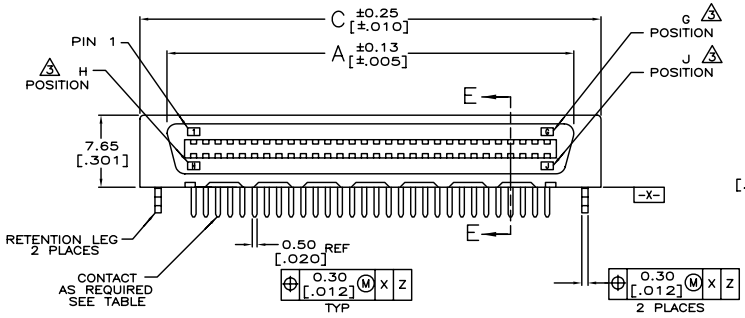
P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REVISED. (ECR-09-006869)	31MAR09	FY	WK

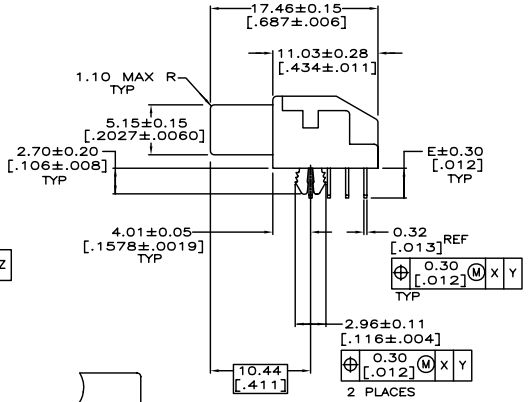


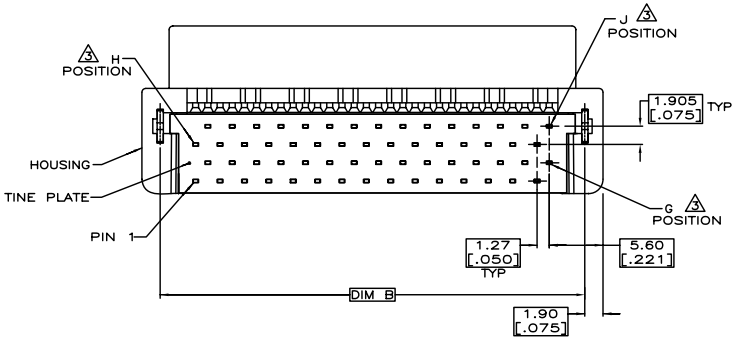
FOR 40,60,68,80,100,120, 140,160,180,200 POSITIONS ONLY

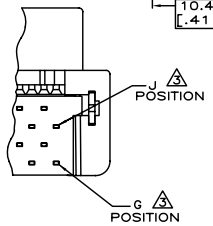


FOR 50, AND 130 POSITIONS ONLY









NOTE:
1. MATERIAL:
   HOUSING: LIQUID CRYSTAL POLYMER (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 1.27mm [50m"] MIN. NICKEL UNDERPLATED.
   BOARDLOCKS: 3.81um [150u"] MIN. TIN-Cu OVER 1.27mm [50m"] MIN. UNDERPLATED.
3. G, J, AND H INDICATES NUMBER OF POSITION MARKED ON ASSEMBLY. ALSO SEE TABLE.
4. CONNECTOR SOLDER TAILS WILL ACCOMMODATE PRINTED CIRCUIT BOARD THICKNESS OF 0.80 TO 1.60 [.031 TO .063].
5. BOARDLOCKS NOT PRESENT.
6. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC. 109-202, CONDITION B.

NOTES	E	D	C	B	A	G 3	J 3	H 3	GOLD PLATED	PART NUMBER	POS.
	3.10 [.122]	102.03 [4.017]	111.53 [4.391]	107.73 [4.242]	105.87 [4.168]	80	160	81	GOLD FLASH	5-1734037-6	160
									0.381um[15u"]	3-1734037-6	
									0.762um[30u"]	1-1734037-6	
	3.10 [.122]	89.33 [3.517]	98.83 [3.891]	95.03 [3.742]	93.17 [3.668]	70	140	71	GOLD FLASH	5-1734037-4	140
									0.381um[15u"]	3-1734037-4	
									0.762um[30u"]	1-1734037-4	
	3.10 [.122]	76.63 [3.017]	86.13 [3.391]	82.33 [3.242]	80.47 [3.168]	60	120	61	GOLD FLASH	2-1734037-0	120
									0.381um[15u"]	1-1734037-8	
									0.762um[30u"]	1-1734037-2	
5	3.10 [.122]	63.93 [2.517]	73.43 [2.891]	69.63 [2.742]	67.77 [2.668]	50	100	51	GOLD FLASH	5-1734037-1	100
									0.381um[15u"]	3-1734037-1	
									0.762um[30u"]	1-1734037-1	
	3.10 [.122]	63.93 [2.517]	73.43 [2.891]	69.63 [2.742]	67.77 [2.668]	50	100	51	GOLD FLASH	5-1734037-0	
									0.381um[15u"]	3-1734037-0	
									0.762um[30u"]	1-1734037-0	
	3.10 [.122]	43.61 [1.717]	53.11 [2.091]	49.31 [1.941]	47.45 [1.868]	34	68	35	GOLD FLASH	4-1734037-7	68
									0.381um[15u"]	2-1734037-7	
									0.762um[30u"]	1734037-7	
	3.10 [.122]	– –	48.03 [1.891]	44.23 [1.742]	42.37 [1.668]	30	60	31	GOLD FLASH	4-1734037-6	60
									0.381um[15u"]	2-1734037-6	
									0.762um[30u"]	1734037-6	
	3.10 [.122]	32.18 [1.267]	41.68 [1.641]	37.88 [1.492]	36.02 [1.418]	25	50	26	GOLD FLASH	4-1734037-5	50
									0.381um[15u"]	2-1734037-5	
									0.762um[30u"]	1734037-5	
	3.10 [.122]	25.83 [1.017]	35.33 [1.391]	31.53 [1.242]	29.67 [1.168]	20	40	21	GOLD FLASH	4-1734037-4	40
									0.381um[15u"]	2-1734037-4	
									0.762um[30u"]	1734037-4	
	2.40 [.094]	51.23 [2.017]	60.73 [2.391]	56.93 [2.242]	55.07 [2.168]	40	80	41	GOLD FLASH	4-1734037-2	80
									0.381um[15u"]	2-1734037-2	
									0.762um[30u"]	1734037-2	
	3.10 [.122]	51.23 [2.017]	60.73 [2.391]	56.93 [2.242]	55.07 [2.168]	40	80	41	GOLD FLASH	4-1734037-1	
									0.381um[15u"]	2-1734037-1	
									0.762um[30u"]	1734037-1	

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DIMENSIONS: MM

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± 0.3
2 PLC ± 0.2
3 PLC ± –
4 PLC ± –
ANGLES ± 3°

MATERIAL: SEE NOTE
FINISH: SEE NOTE

DWN	F. YANG	31MAR2009
CHK	S. CHIEN	31MAR2009
APVD	W. KODAMA	31MAR2009
PRODUCT SPEC	108-1367	
QUALIFICATION TEST REPORT	–	
WEIGHT	–	

Tyco Electronics Corporation
Taipei, Taiwan

NAME: RECEPTACLE ASSEMBLY, R/A, BTB, CHAMP.050, SERIES I

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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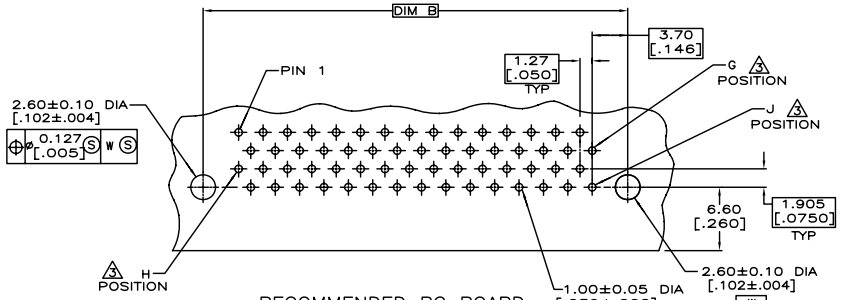
CUSTOMER DRAWING | SCALE – | SHEET 1 OF 4 | REV F

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LOC	DIST
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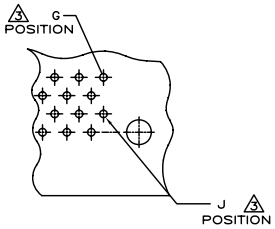
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1.			

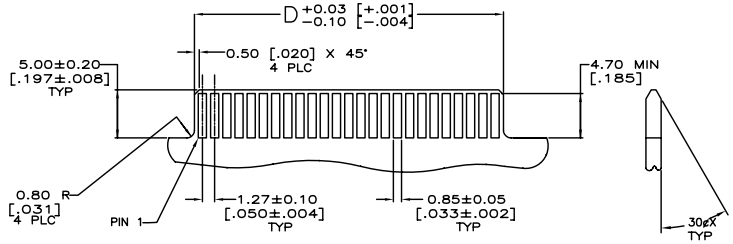


RECOMMENDED PC BOARD MOUNTING DIMENSIONS COMPONENT SIDE

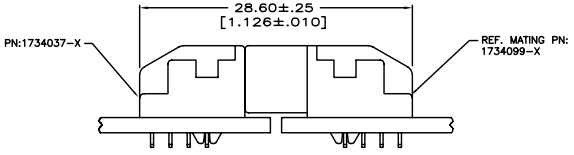
FOR 40, 60, 68, 80, 100, 120, 140 160, 180, AND 200 POSITIONS ONLY



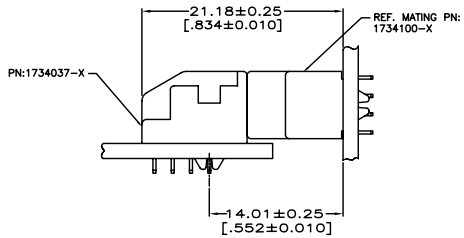
FOR 50, AND 130 POSITIONS ONLY



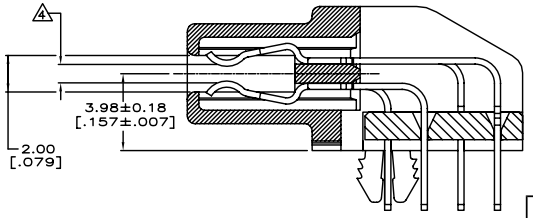
RECOMMENDED CARD EDGE LAYOUT



RIGHT ANGLE RECEPTACLE ASSEMBLY MATED TO RIGHT ANGLE PLUG ASSEMBLY



RIGHT ANGLE RECEPTACLE ASSEMBLY MATED TO VERTICAL PLUG ASSEMBLY



SECTION E–E
SCALE 8:1

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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 –

Tyco Electronics
Tyco Electronics Corporation
Taipei, Taiwan

NAME
RECEPTACLE ASSEMBLY, R/A, BTB, CHAMP.050, SERIES I

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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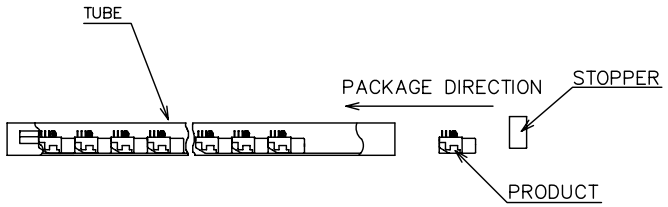
CUSTOMER DRAWING | SCALE — | SHEET 2 OF 4 | REV F

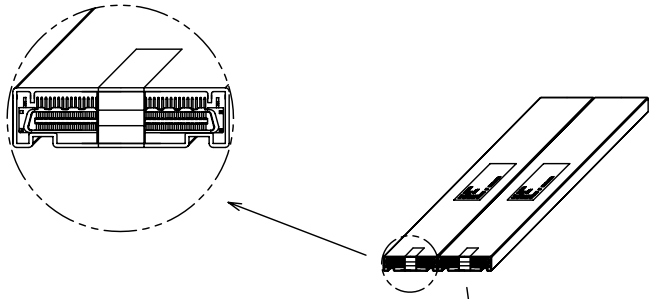
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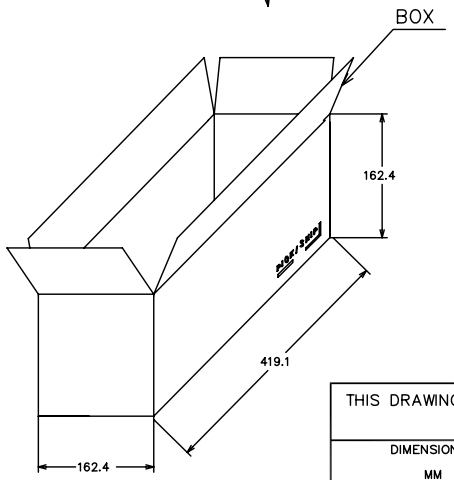
LOC	DIST
DW	–

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
80	21	16	336	2.23	3.07	4–1734037–2
						2–1734037–2
						1734037–2
100	21	16	336	2.55	3.40	5–1734037–0
						3–1734037–0
						1–1734037–0
80	21	16	336	2.08	2.93	4–1734037–1
						2–1734037–1
						1734037–1

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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 –

Tyco Electronics
Tyco Electronics Corporation
Taipei, Taiwan

NAME
RECEPTACLE ASSEMBLY, R/A,
BTB, CHAMP.050, SERIES I

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
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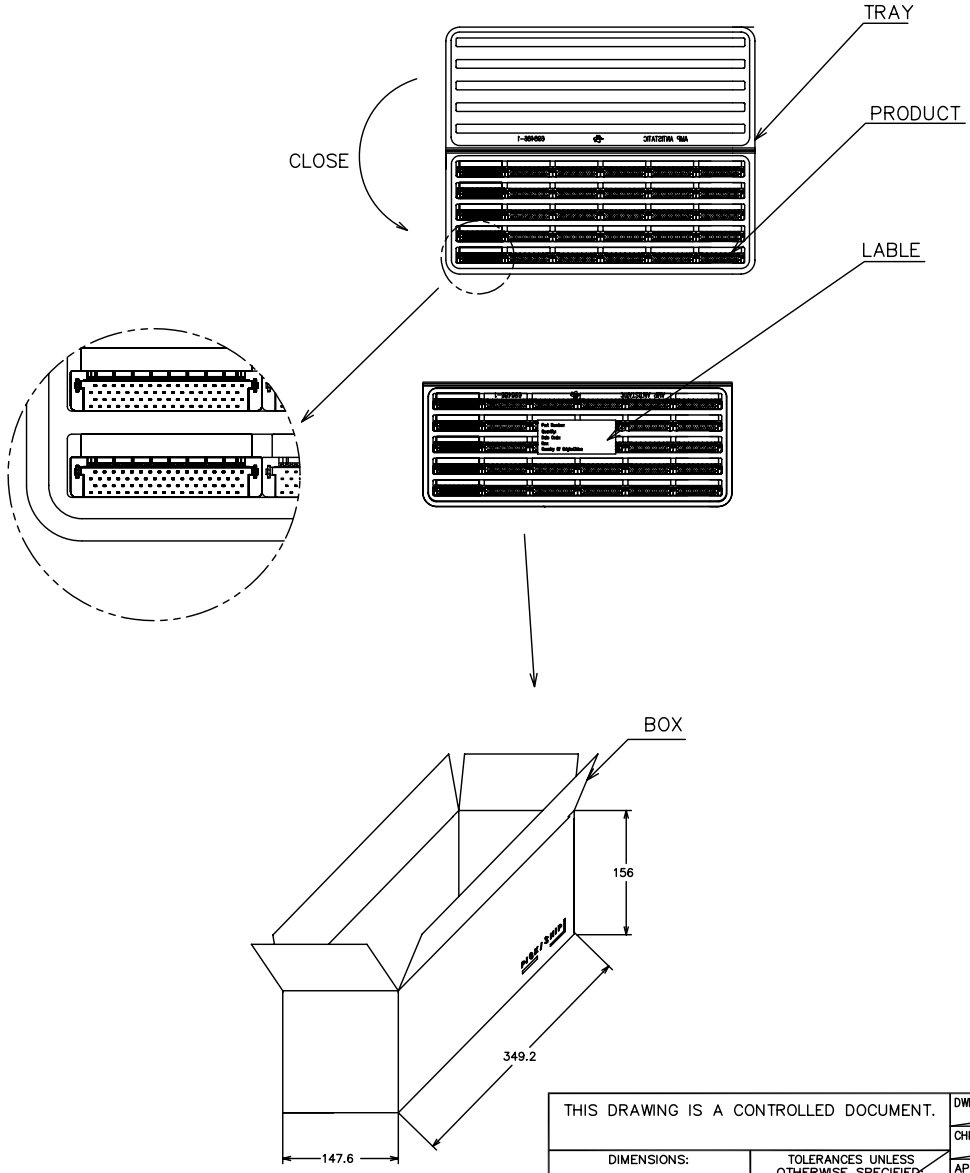
CUSTOMER DRAWING | SCALE – | SHEET 3 OF 4 | REV F

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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
160	10	10	100	1.33	2.28	5–1734037–6
						3–1734037–6
						1–1734037–6
140	15	10	150	1.67	2.62	5–1734037–4
						3–1734037–4
						1–1734037–4
120	15	10	150	1.35	2.30	2–1734037–0
						1–1734037–8
						1–1734037–2
100	20	10	200	1.43	2.43	5–1734037–1
						3–1734037–1
						1–1734037–1
68	30	10	300	1.65	2.60	4–1734037–7
						2–1734037–7
						1734037–7
60	30	10	300	1.60	2.60	4–1734037–6
						2–1734037–6
						1734037–6
50	35	10	350	1.55	2.50	4–1734037–5
						2–1734037–5
						1734037–5
40	45	10	450	1.55	2.45	4–1734037–4
						2–1734037–4
						1734037–4

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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 –

Tyco Electronics
Tyco Electronics Corporation
Taipei, Taiwan

NAME
RECEPTACLE ASSEMBLY, R/A,
BTB, CHAMP.050, SERIES I

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-1734037	–

CUSTOMER DRAWING | SCALE – | SHEET 4 OF 4 | REV F