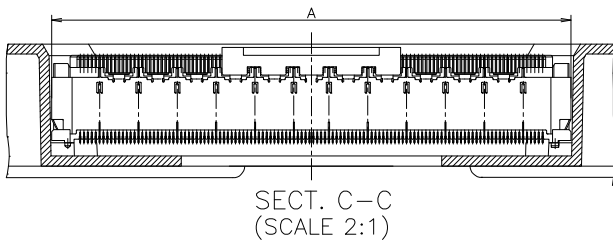
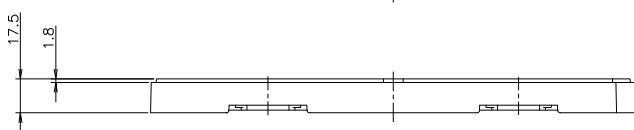
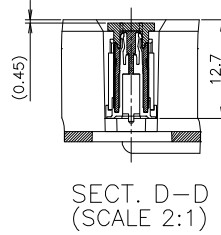
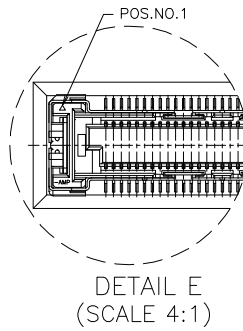
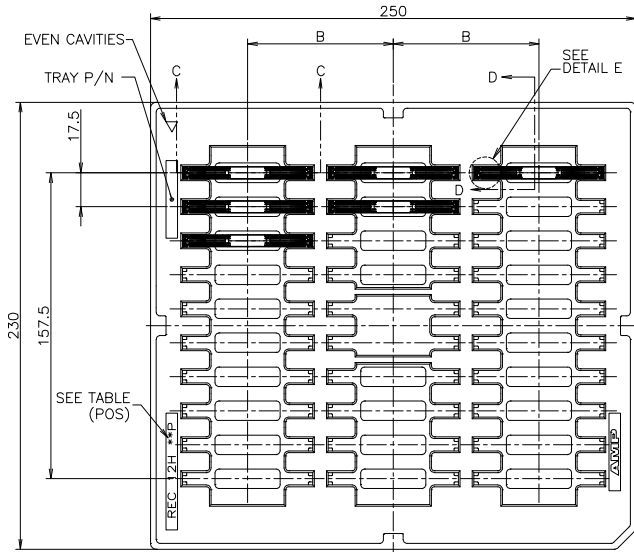


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
J		RELEASED	12OCT05	D.L	H.K



TOOLING AVAIL	ROW	QTY	B	A	POS.	PART NO.
N	3	30		66.8	240	
				61.8	220	
			75	56.8	200	
			70	51.8	180	
N				49.3	170	
Y				46.8	160	6-5353703-2
N				44.3	150	
				41.8	140	
	3	30	70	36.8	120	
	5	50	43	31.8	100	
				29.3	90	
				26.8	80	
				24.3	70	
				21.8	60	
				19.3	50	
				16.8	40	
N	5	50	43	14.3	30	
N	3	30		66.8	240	
				61.8	220	
			75	56.8	200	
			70	51.8	180	
N				49.3	170	
Y				46.8	160	1-5353703-2
N				44.3	150	
				41.8	140	
	3	30	70	36.8	120	
	5	50	43	31.8	100	
				29.3	90	
				26.8	80	
				24.3	70	
				21.8	60	
				19.3	50	
				16.8	40	
N	5	50	43	14.3	30	

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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 3°	DWN: D.LIU CHK: T.FUTATSUGI APVD: W.KODAMA PRODUCT SPEC: 108-5560 APPLICATION SPEC	12OCT05 12OCT05 12OCT05	tyco Electronics	Tyco Electronics AMP K.K. Kawasaki, Japan
MATERIAL	FINISH	WEIGHT	SIZE: A3 CAGE CODE: 00779 DRAWING NO: C-5353703	NAME: HARD TRAY ASSY FH 0.5BTB CONN. REC 12H WITH G-PLATE AND CAP	RESTRICTED TO
CUSTOMER DRAWING		SCALE: 1:2	SHEET 1 OF 5	REV A	

4

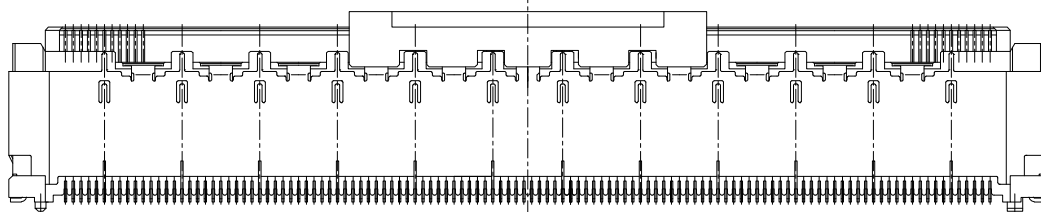
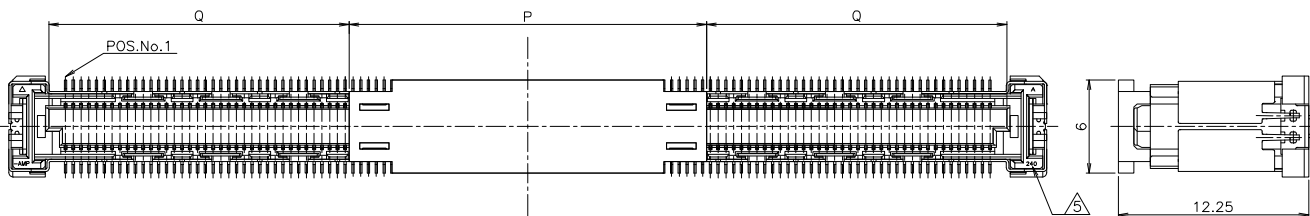
3

2

1

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



19.55	23	240
17.05	↑	220
14.55		200
12.05		180
10.8		170
9.55		160
8.3		150
7.05		140
4.55		120
2.05	↓	100
0.8	23	90
4.4	13.3	80
4.4	10.8	70
1.9	13.3	60
1.9	10.8	50
1.75	13.3	40
1.75	10.8	30
Q	P	POS.

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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	DWN CHK APVD PRODUCT SPEC APPLICATION SPEC WEIGHT	Tyco Electronics AMP K.K. Kawasaki, Japan NAME HARD TRAY ASSY FH 0.5BTB CONN. REC 12H WITH G-PLATE AND CAP SIZE CAGE CODE DRAWING NO A3 00779 C-5353703 RESTRICTED TO
MATERIAL	FINISH	CUSTOMER DRAWING	SCALE 4:1 SHEET 2 OF 5 REV A

AMP 1470-19 REV 31MAR2000

4

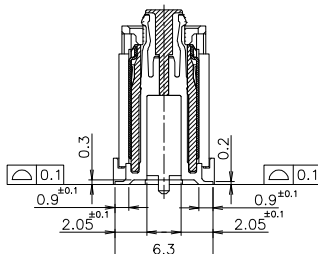
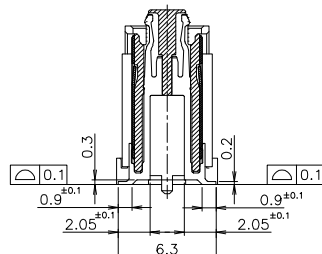
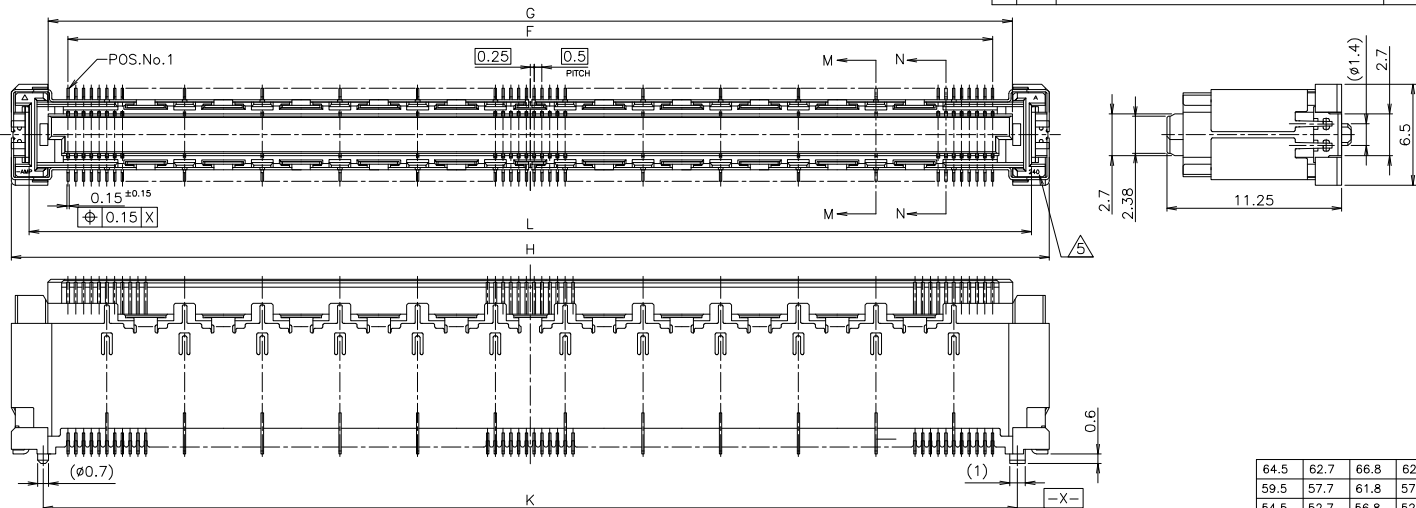
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2

1

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



- NOTES
- △ MATERIAL : HOUSING : HIGH TEMP THERMO PLASTIC UL94V-0
CONTACT : COPPER ALLOY
 - △ FINISH : SIGNAL CONTACT : UNDER PL Ni 0.0013mm MIN ALL OVER.
CONTACT AREA 0.0002mm MIN Au PL.
SOLDERING AREA 0.001mm MIN TIN PL.
 - GROUND CONTACT : UNDER PL Ni 0.0013mm MIN ALL OVER.
CONTACT AREA 0.0002mm Au PL.
SOLDERING AREA 0.001mm MIN TIN PL.
 - SOLDER PEG : 0.001mm MIN TIN PL. OVER
0.0013mm MIN Ni PL ALL OVER.
 - △ THIS POSITION IS GROUND CIRCUIT.
 - △ THIS PRODUCT WAS COATED BY ANTI-FLUX
-PENETRATION AGENT.
 - △ NO. OF CIRCUIT (DEPEND ON CONNECTOR POS).

64.5	62.7	66.8	62.1	59.5	240
59.5	57.7	61.8	57.1	54.5	220
54.5	52.7	56.8	52.1	49.5	200
49.5	47.7	51.8	47.1	44.5	180
47	45.2	49.3	44.6	42	170
44.5	42.7	46.8	42.1	39.5	160
42	40.2	44.3	39.6	37	150
39.5	37.7	41.8	37.1	34.5	140
34.5	32.7	36.8	32.1	29.5	120
29.5	27.7	31.8	27.1	24.5	100
27	25.2	29.3	24.6	22	90
24.5	22.7	26.8	22.1	19.5	80
22	20.2	24.3	19.6	17	70
19.5	17.7	21.8	17.1	14.5	60
17	15.2	19.3	14.6	12	50
14.5	12.7	16.8	12.1	9.5	40
12	10.2	14.3	9.6	7	30
L	K	H	G	F	POS.

SECT. M-M (GROUND POSITION)

SECT. N-N (SIGNAL POSITION)

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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DWN	CHK	 Tyco Electronics AMP K.K. Kawasaki, Japan		
	0 PLC ± -	APVD	NAME			
	1 PLC ± -	PRODUCT SPEC	HARD TRAY ASSY			
	2 PLC ± -	APPLICATION SPEC	FH 0.5BTB CONN. REC 12H WITH G-PLATE AND CAP			
MATERIAL	FINISH	WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
			A3	00779	5353703	
CUSTOMER DRAWING			SCALE	SHEET	REV	
			4:1	3	5	A

4

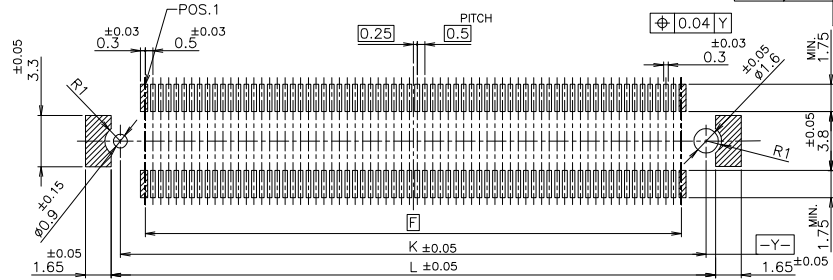
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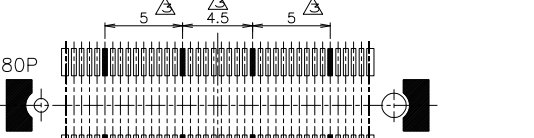
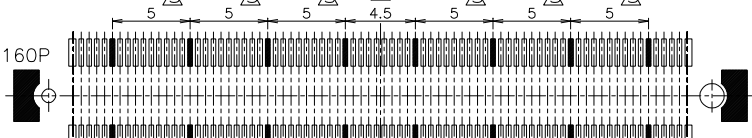
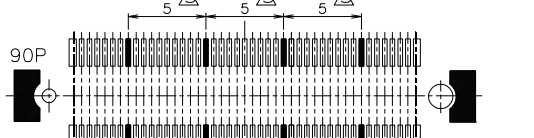
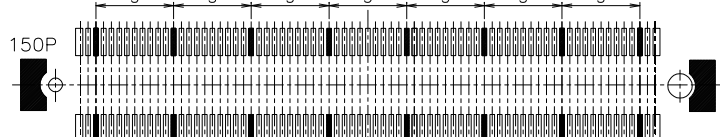
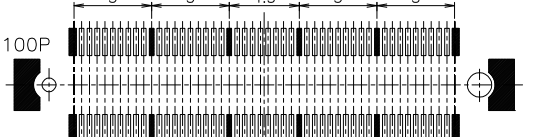
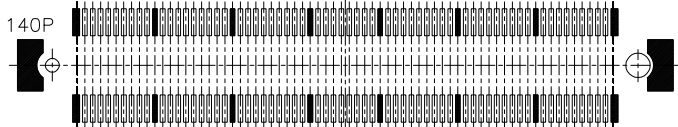
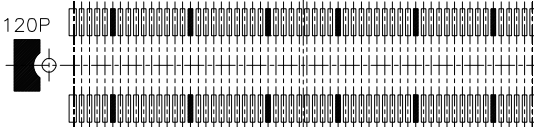
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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-



RECOMMENDED P.C. BOARD LAYOUT



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	Tyco Electronics AMP K.K. Kawasaki, Japan		
DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	NAME		
	0 PLC ± -	APVD	HARD TRAY ASSY		
	1 PLC ± -	PRODUCT SPEC	FH 0.5BTB CONN. REC 12H		
	2 PLC ± -	APPLICATION SPEC	WITH G-PLATE AND CAP		
	3 PLC ± -	WEIGHT	SIZE	CAGE CODE	DRAWING NO
MATERIAL	FINISH	RESTRICTED TO	A3	00779	5353703
CUSTOMER DRAWING		SCALE	4:1	SHEET	4 OF 5
		REV	A		

4

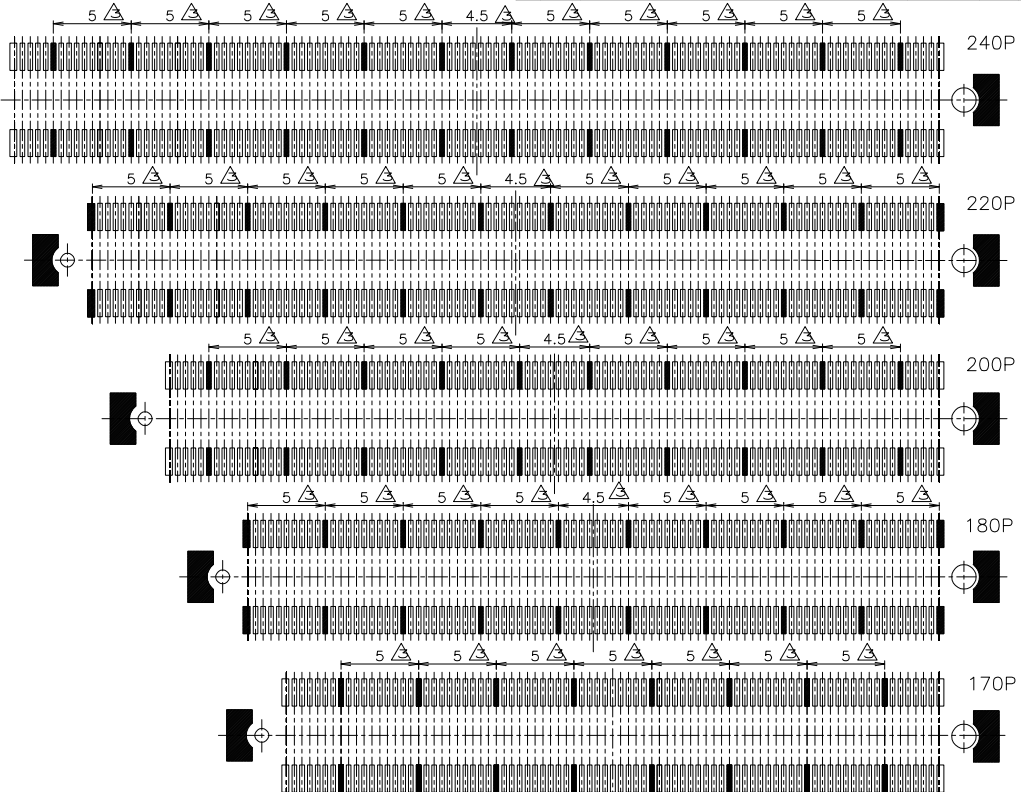
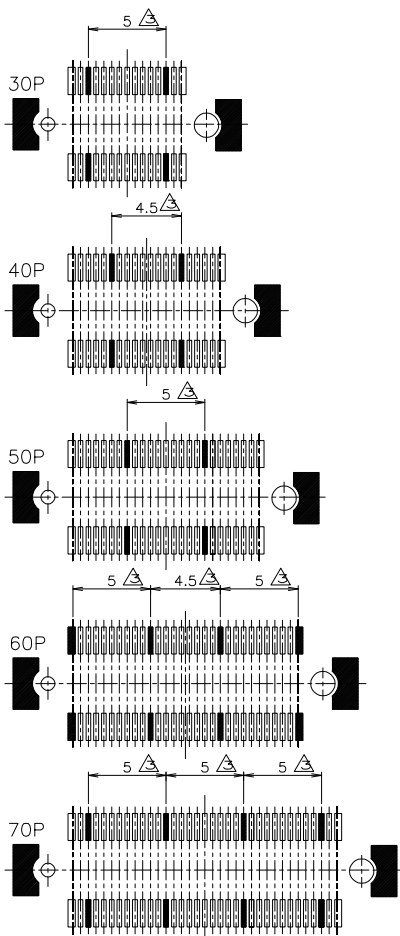
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2

1

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
J		SEE SHEET 1	-	-	-



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DIMENSIONS: MM	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± - 4. PLC ± - ANGLES ± -	DWN	Tyco Electronics AMP K.K. Kawasaki, Japan
MATERIAL	FINISH	CHK	
NAME		APVD	HARD TRAY ASSY FH 0.5BTB CONN. REC 12H WITH G-PLATE AND CAP
MATERIAL		PRODUCT SPEC	
MATERIAL		APPLICATION SPEC	RESTRICTED TO
MATERIAL		WEIGHT	SIZE CAGE CODE DRAWING NO
MATERIAL		CUSTOMER DRAWING	A3 00779 C-5353703
MATERIAL		SCALE	4:1
MATERIAL		SHEET	5 of 5
MATERIAL		REV	A

AMP 1470-19 REV 31MAR2000