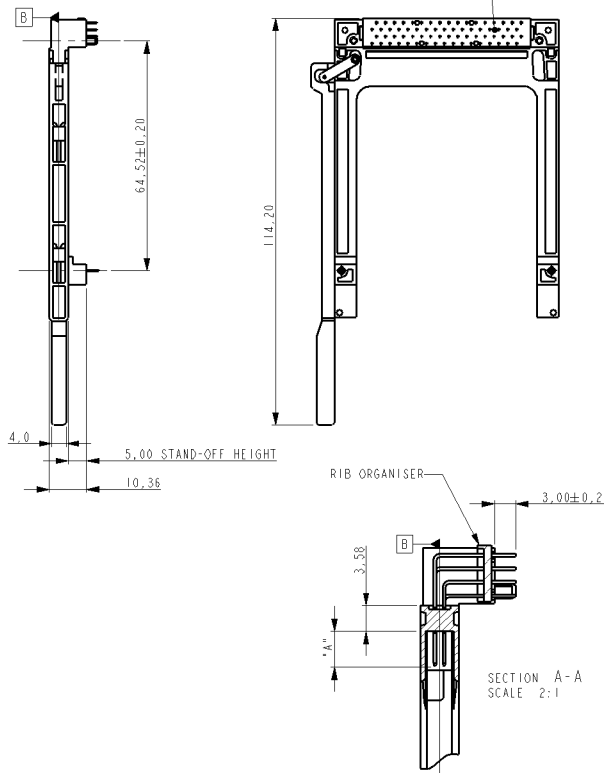
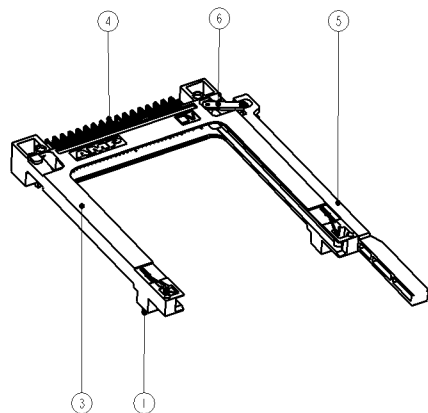
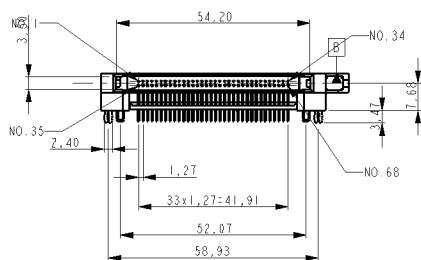
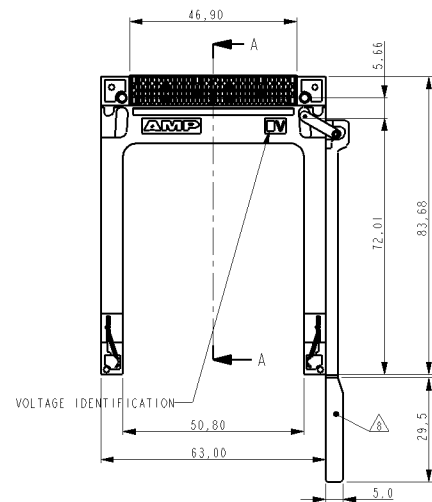
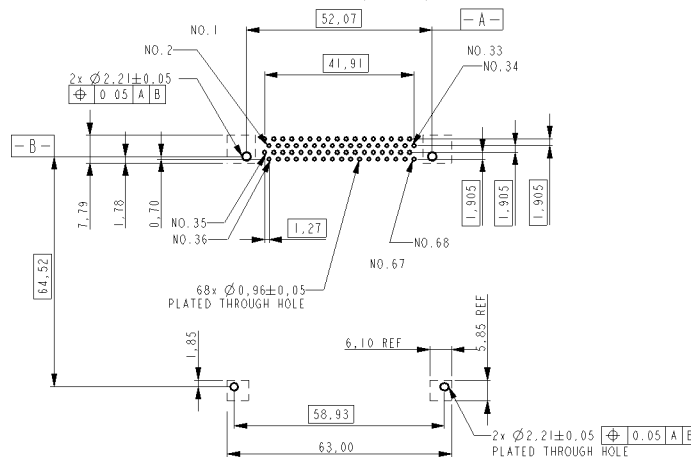




RECOMMENDED PCB LAYOUT
(THICKNESS: 1.60mm ±0.1mm)



LOC		DIST		REVISIONS					
H		-		P	LYR	DESCRIPTION	DATE	DWN	APVD
					A	FIRST RELEASE	06MAR2009	PS	JB
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NOTES/SPECIFICATION:

- HEADER ACCEPTS TYPES I, II, & III OF PCMCIA STANDARD MEMORY CARD
- MECHANICAL SPECIFICATION:
 - DURABILITY:
 - OFFICE ENVIRONMENT: 10000 CYCLES MINIMUM
 - HARSH ENVIRONMENT: 5000 CYCLES
 - CONTACT RETENTION FORCE: 1Kg MINIMUM
- ELECTRICAL SPECIFICATION:
 - CONTACT RESISTANCE: 40 MILLI OHMS MAX.
 - DIELECTRIC WITHSTANDING VOLTAGE: 500 Vrms FOR 1min.
 - INSULATION RESISTANCE: 1000 MEGA OHMS MIN.
 - CURRENT CAPACITY: 0.5 AMPS PER PIN.
- ENVIRONMENTAL SPECIFICATIONS:
 - STORAGE ENVIRONMENT: -40°C TO +70°C, 95% MAX. RELATIVE HUMIDITY (NON CONDENSING)
 - OPERATION TEMPERATURE: -20°C TO +60°C, 95% MAX. RELATIVE HUMIDITY (NON CONDENSING)
 - THERMAL SHOCK: 6 CYCLES (1 CYCLE PER HOUR) WITH CONNECTOR ENGAGED WITH EXTREMES OF -55°C TO +70°C.

LENGTH OF CONTACTS:

DIM "A"	POSITION No.
5	1, 17, 34, 35, 51, 68
3.5	36, 67
4.25	THE OTHERS

- △ PLATING OF CONTACT: Ni : 1.5µm MIN. (OVERALL)
Au : 0.2µm MIN. (CARD SIDE)
TiN: 2µm MIN. (PCB SIDE)

- 7 ALL PARTS PACKAGED IN TRAYS UNLESS REQUESTED:
△ EJECTOR TRAVEL LENGTH IS 6mm

CONNECTOR TO PRINTED CIRCUIT BOARD ASSEMBLY:

- PLACE THE CONNECTOR ON THE PRINTED CIRCUIT BOARD.
THE SOLDER TAILS, RETENT CLIPS & PLASTIC LEGS SHOULD BE SEATED IN THE RESPECTIVE HOLES.
- PUSH FIRMLY DOWN ON CENTER OF PLASTIC LEGS THEN SOLDER RETENTS.
A SLIGHT SNAP IS FELT WHEN THE CONTACT IS FULLY SEATED.
- SOLDER PROCESS ENTIRE PRINTED CIRCUIT BOARD ASSEMBLY.

1857245-2	3.3V
1857245-1	5V
TYCO PN.	VOLTAGE IDENTIFICATION

6	2	CAM	LCP	COLOR: BLACK
5	1	EJECTOR	PA46	COLOR: BLACK
4	68	CONTACT	COPPER ALLOY	△
3	1	HOUSING	PA46	COLOR: BLACK
2	1	ORGANISER	LCP	COLOR: BLACK
1	2	GROUND CONTACT	PHOSPHOR BRONZE	TiN: 2µm MIN

Item no.	Qty.	Description	Material	Finish
6	2	CAM	LCP	COLOR: BLACK
5	1	EJECTOR	PA46	COLOR: BLACK
4	68	CONTACT	COPPER ALLOY	△
3	1	HOUSING	PA46	COLOR: BLACK
2	1	ORGANISER	LCP	COLOR: BLACK
1	2	GROUND CONTACT	PHOSPHOR BRONZE	TiN: 2µm MIN

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS HEREBY REQUESTED THAT YOU CONTACT TYCO ELECTRONICS CORPORATION FOR THE LATEST REVISIONS OF THIS DRAWING.	DWN P. Willems 04-AUG-05	APVD I. Broeksteeg 04-AUG-05	NAME PC CARD HEADER HIGH RAISED (5mm) WITH RIGHT EJECTOR 0.7mm OFFSET	TYCO ELECTRONICS NEDERLAND B.V. 's-HERTOGENBOSCH, THE NETHERLANDS
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC 108-19201	SIZE A2	RESTRICTED TO
0 PLC ±0.2	1 PLC ±0.1	2 PLC ±0.05	CAGE CODE 00779	SCALE
3 PLC ±	4 PLC ±	5 PLC ±	DRAWING NO. C=1857245	SHEET
6 PLC ±	7 PLC ±	8 PLC ±	REV A	OF
9 PLC ±	10 PLC ±	11 PLC ±	CUSTOMER DRAWING	REV
12 PLC ±	13 PLC ±	14 PLC ±		
15 PLC ±	16 PLC ±	17 PLC ±		
18 PLC ±	19 PLC ±	20 PLC ±		
21 PLC ±	22 PLC ±	23 PLC ±		
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