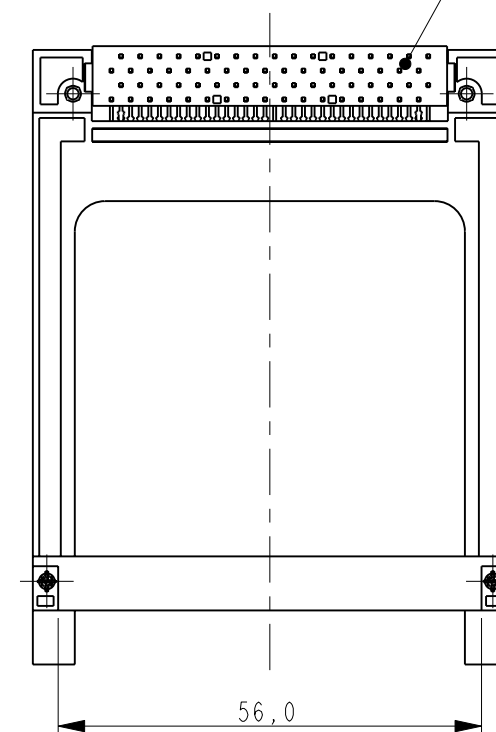
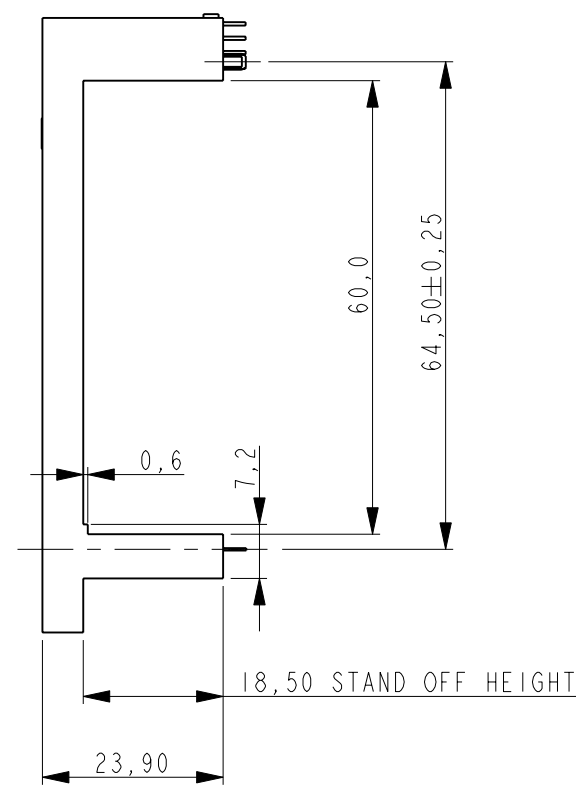
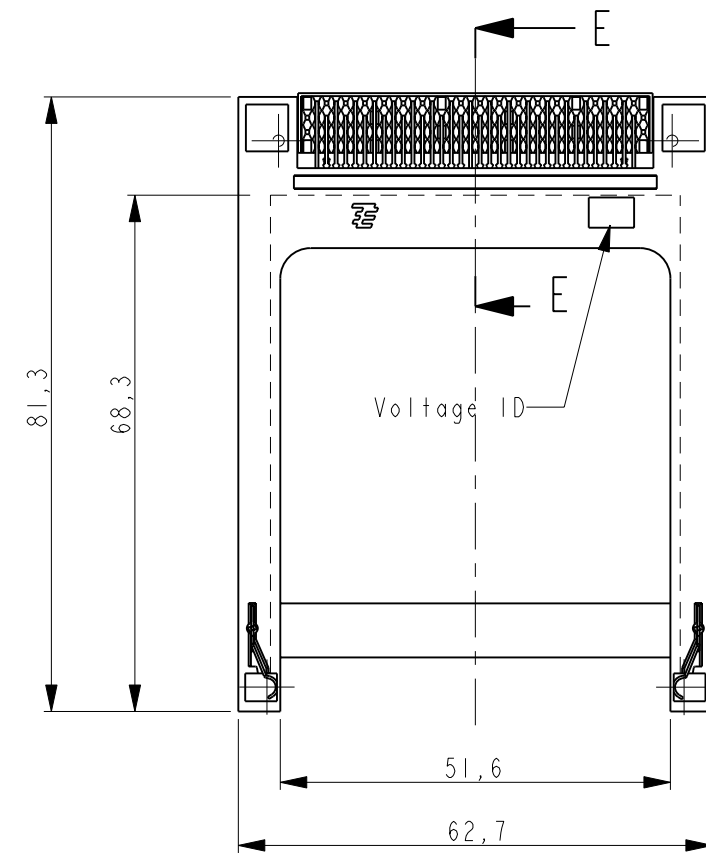


LOC	DIST	REVISIONS					
IR	-	P	LTR	DESCRIPTION	DATE	OWN	APVD
			C	ECR-12-000167	05JAN2012	GG	RRP



NOTES / SPECIFICATION:

1. HEADER ACCEPTS TYPES I, II, & III OF PCMCIA STANDARD MEMORY CARD
2. MECHANICAL SPECIFICATION:
 - 2.1. DURABILITY
 - 2.1.1. OFFICE ENVIRONMENT: 10000 CYCLES MINIMUM
 - 2.1.2. HARSH ENVIRONMENT: 5000 CYCLES
 - 2.2. CONTACT RETENTION FORCE: 1 kg MINIMUM
3. ELECTRICAL SPECIFICATION:
 - 3.1. CONTACT RESISTANCE: 40 MILLI OHMS MAX.
 - 3.2. DIELECTRIC WITHSTANDING VOLTAGE: 500 Vrms FOR 1min.
 - 3.3. INSULATION RESISTANCE: 1000 MEGA OHMS MIN.
 - 3.4. CURRENT CAPACITY: 0,5 AMPS PER PIN.
4. ENVIRONMENTAL SPECIFICATIONS:
 - 4.1. STORAGE ENVIRONMENT: -40°C TO +70°C, 95% MAX. RELATIVE HUMIDITY (NON CONDENSING)
 - 4.2. OPERATION TEMPERATURE: -20°C TO +60°C, 95% MAX. RELATIVE HUMIDITY (NON CONDENSING)
 - 4.3. THERMAL SHOCK: 6 CYCLES (1 CYCLE PER HOUR) WITH CONNECTOR ENGAGED WITH EXTREMES OF -55°C TO +70°C.

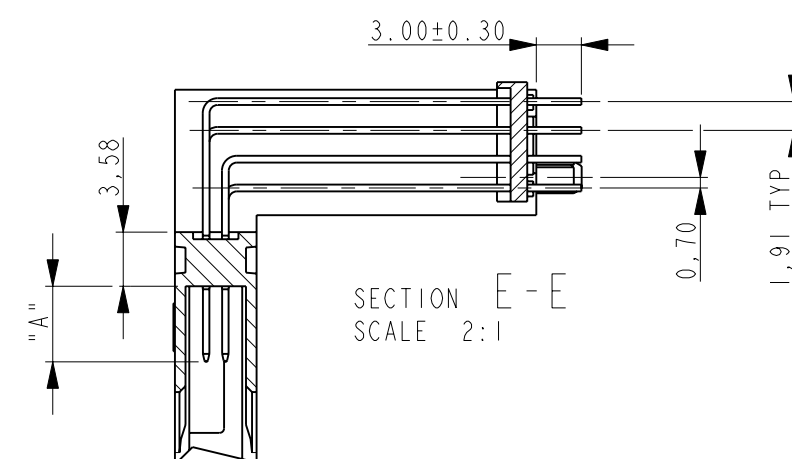
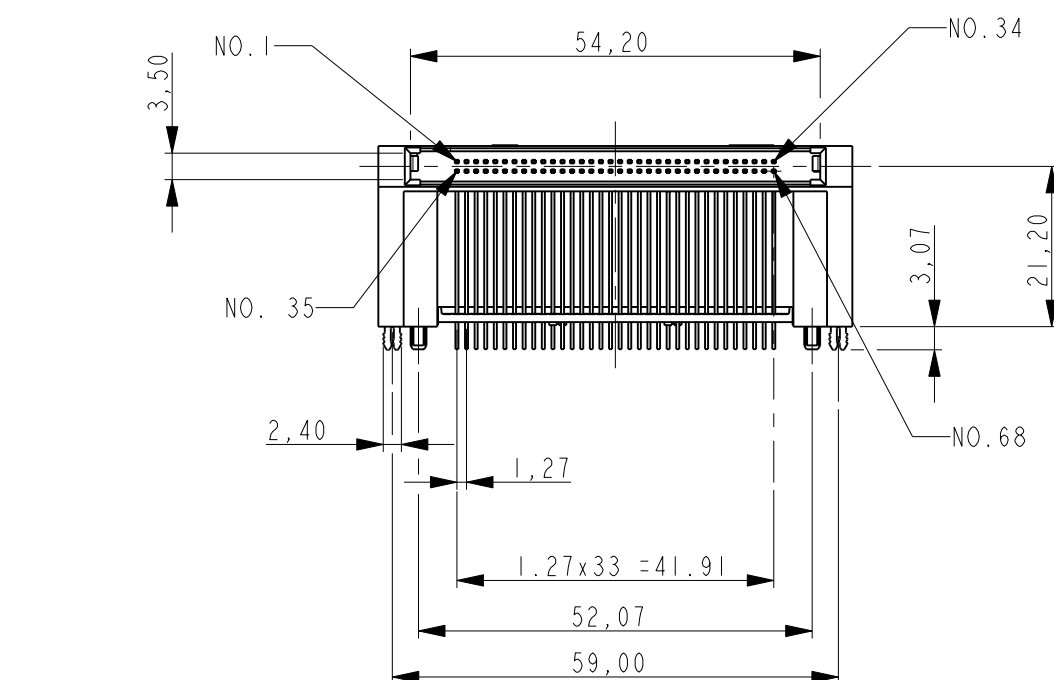
- 5 LENGTH OF CONTACTS:

DIM "A"	POSITION No.
5	1, 17, 34, 35, 51, 6
3.5	36, 67
4.25	THE OTHERS

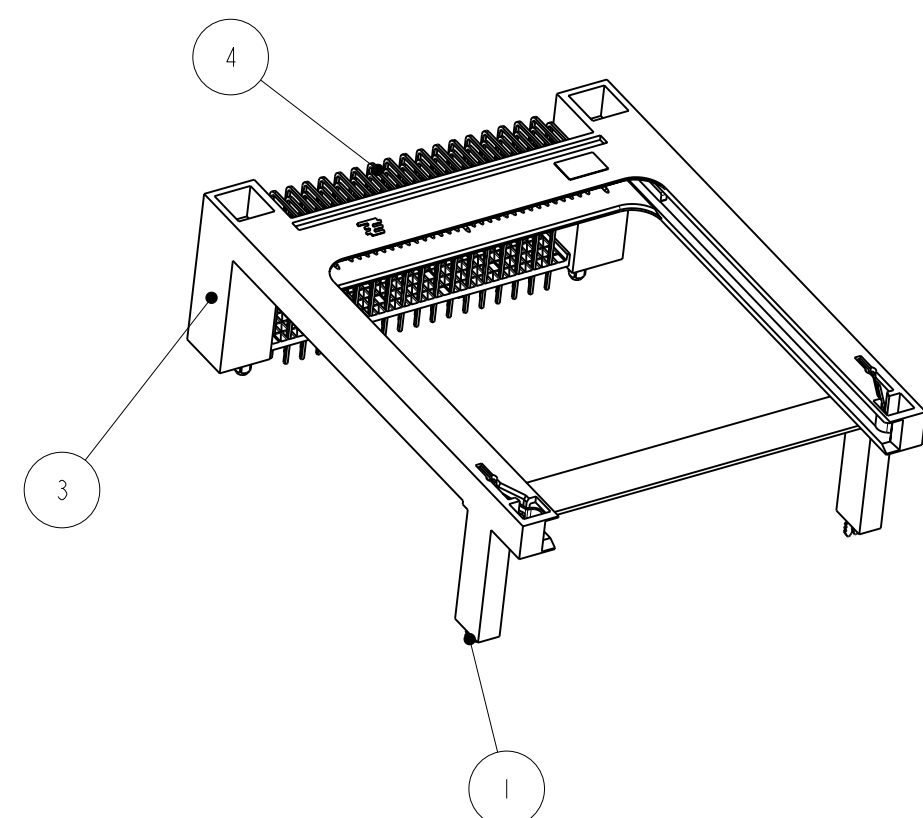
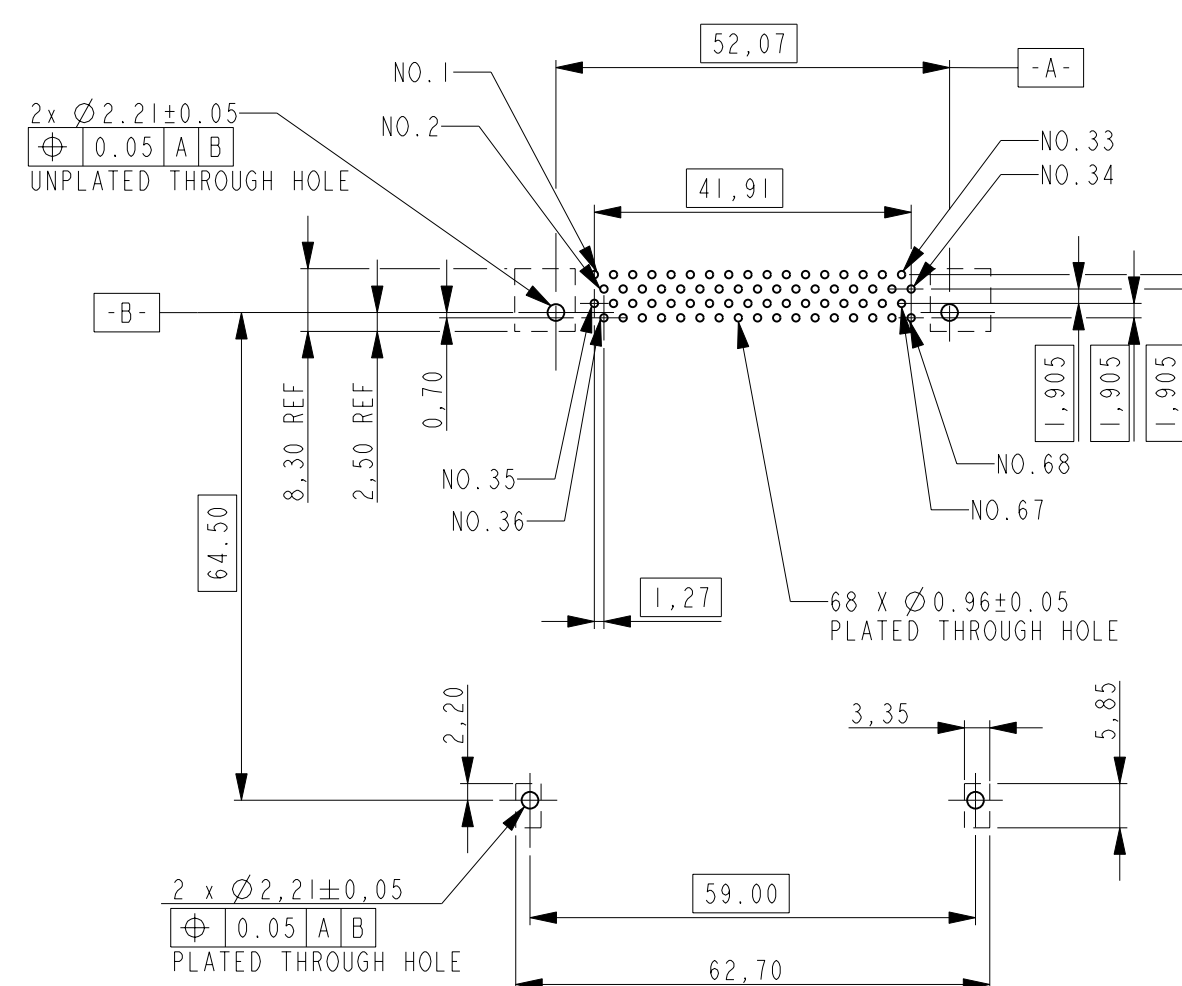
- 6 PLATING OF CONTACT: Ni : 1,5µm MIN (OVERALL)
Au : 0.03µm MIN. (CARD SIDE)
TIN : 2µm MIN (PCB SIDE)
7 ALL PARTS PACKAGED IN TRAYS UNLESS REQUESTED:

CONNECTOR TO PRINTED CIRCUIT BOARD ASSEMBLY:

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



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



LV	1857454-2	3.3V HEADER
5V	1857454-1	5V HEADER
VOLTAGE IDENTIFICATION	PARTNUMBER	HEADER TYPE

4	68	CONTACT	BRASS	$\triangle$ 6
3	1	HOUSING	THERMOPLASTIC UL94 V0	COLOUR: BLACK
2	1	ORGANIZER	THERMOPLASTIC UL94 V0	COLOUR: BLACK
1	2	GROUND CONTACT	PHOSPHOR BRONZE	TIN 2 μ m MIN
ITEM NO.	QTY	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		ITEM NO. 011		DESCRIPTION		MATERIAL		FINISH					
DIMENSIONS: mm 		DWN SHRIVATHSA 18JAN06		TE Connectivity									
		CHK PREMJITH 18JAN06		NAME PC CARD CONNECTOR HIGH RAISED VERSION 18.5 mm -									
		APVD P. WILLEMS 18JAN06											
		PRODUCT SPEC 108-19021											
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±0.3 1 PLC ±0.2 2 PLC ±0.1 3 PLC ±0.05 4 PLC ±. ANGLES ±. ±.		APPLICATION SPEC -		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO			
		WEIGHT -		A2		00779		C=1857454		-			
MATERIAL -		FINISH -		CUSTOMER DRAWING		SCALE		SHEET		OF		REV	