

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, 68
3.5	36, 67
4.25	THE OTHERS

- 6 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:

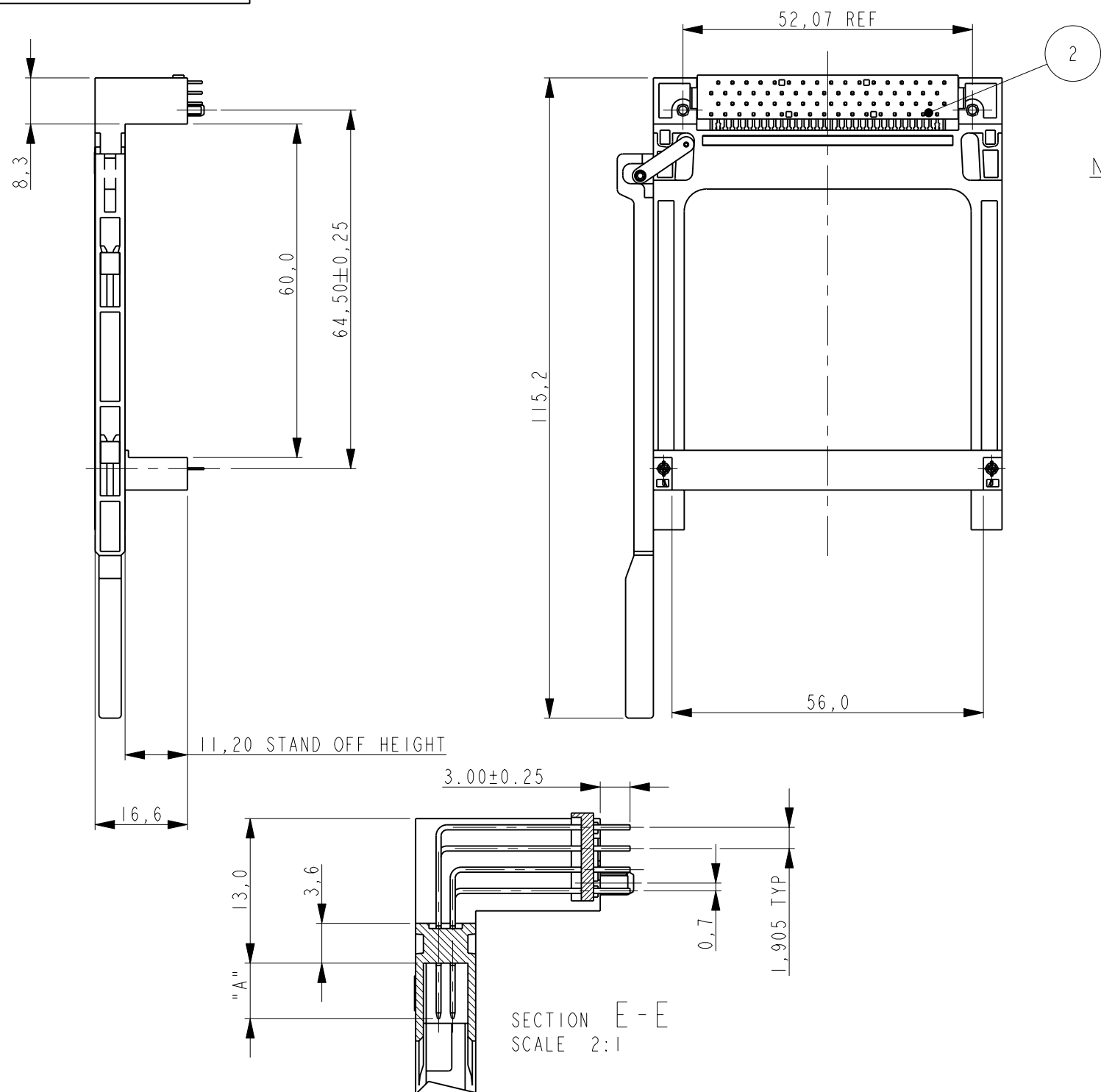
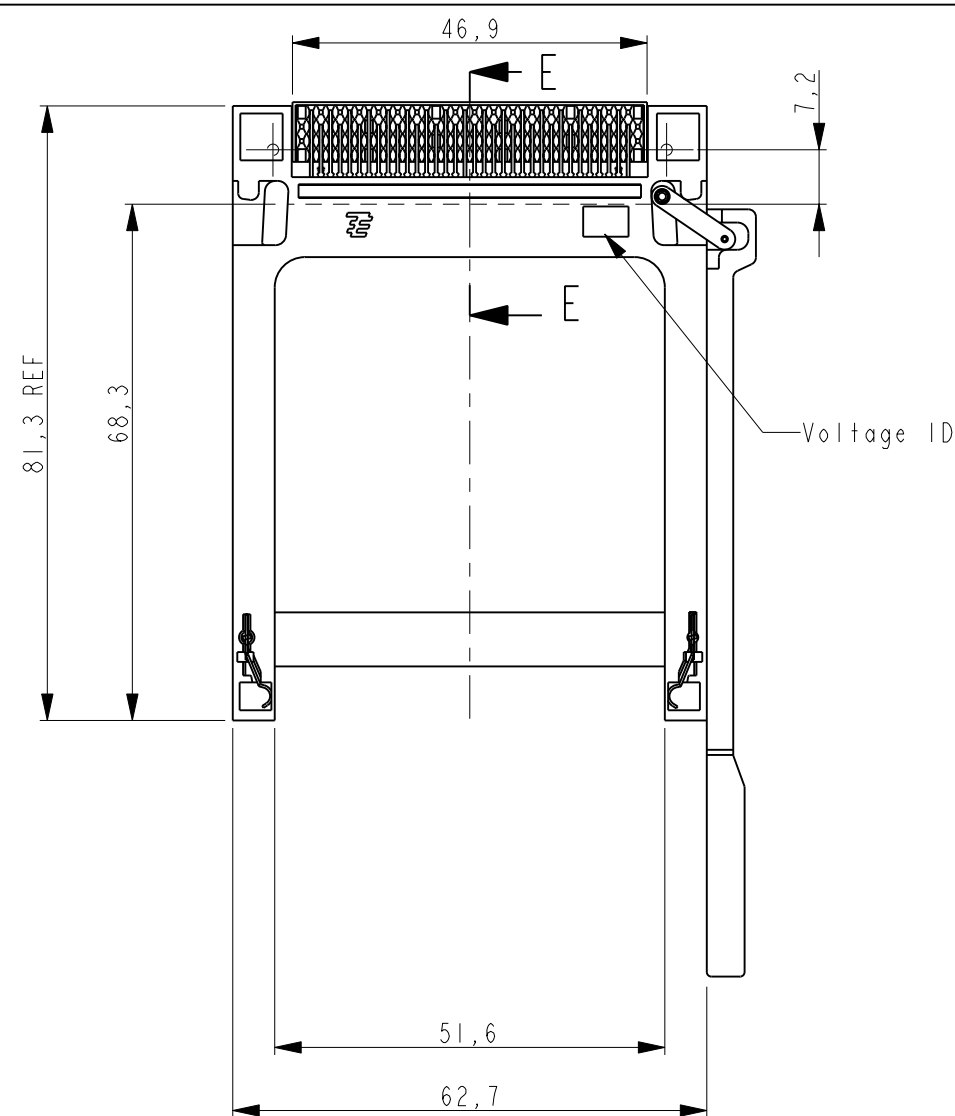
CONNECTOR TO PRINTED CIRCUIT BOARD ASSEMBLY:

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

3.3V	1955502-2	3.3V HEADER
5V	1955502-1	5V HEADER
VOLTAGE IDENTIFICATION	PARTNUMBER	HEADER TYPE

6	2	CAM	LCP	COLOUR: BLACK
5	1	EJECTOR	PA46	COLOUR: BLACK
4	68	CONTACT	BRASS	Δ_6
3	1	HOUSING	PA46	COLOUR: BLACK
2	1	ORGANIZER	LCP	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 FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN GUNA CHK PREMJITH APVD PREMJITH PRODUCT SPEC - APPLICATION SPEC - WEIGHT -		 Tyco Electronics Corporation Bangalore, INDIA			
DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PC CARD CONNECTOR HIGH RAISED VERSION 11.2mm			
mm	0 PLC ±0.2 1 PLC ±0.15 2 PLC ±0.05 3 PLC ± 4 PLC ± ANGLES ±- ±-						
							
MATERIAL	FINISH	CUSTOMER DRAWING		SIZE A2	CAGE CODE 00779	DRAWING NO C=1955502	RESTRICTED TO -
-	-			SCALE	:	SHEET	OF
							REV A



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

