

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: 9.8N 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: 200 CYCLES (1 CYCLE PER 30MINIUTE) WITH CONNECTOR ENGAGED WITH EXTREMES OF -55°C TO +85°C.

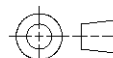
DIM "A"	POSITION No.
5	1, 17, 34, 35, 51, 68
3.5	36, 67
4.25	THE OTHERS

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.

2013934-2	3.3V
TE : PART NO.	HEADER VOLTAGE

6	1	SHIELD	STAINLESS STEEL	8
5	1	BOTTOM COVER	STAINLESS STEEL	BLANK
4	68	CONTACT	COPPER ALLOY	6
3	1	HOUSING	LCP	COLOR: BLACK
2	1	ORGANISER	LCP	COLOR: BLACK
1	2	GROUND CONTACT	PHOSPHOR BRONZE	7
Item no.	Qty.	Description	Material	Finish

DWN M. WATANABE		8FEB2008		 Tyco Electronics TYCO ELECTRONICS CORPORATION Japan Kawasaki	
CHK M. HARASAWA		8FEB2008			
APVD T. FUJITSUGI		8FEB2008		NAME SHIELDED CARDBUS CONNECTOR -	
PRODUCT SPEC 108-78541-1					
APPLICATION SPEC					
WEIGHT 24.6g		SIZE A2	CAGE CODE 00779	DRAWING NO C-2013934	RESTRICTED -
CUSTOMER DRAWING				SCALE NTS	SHEET 1 OF 2
				REV A	

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TICO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	
	0 PLC ±0.3 1 PLC ±0.2 2 PLC ±0.1 3 PLC ±0.1 4 PLC ±-
MATERIAL	ANGLES ±- FINISH
SEE TABLE	  

Technical drawing of Section A-A of a rib organiser. The drawing shows a cross-section of a metal rib organiser with multiple ribs. Key dimensions include a total width of $3,00 \pm 0,25$, a rib thickness of $0,70$, and a distance of $1,905$ between ribs. A circular feature is labeled '4'. The drawing is titled 'SECTION A-A' and 'SCALE 2:1'.

Technical drawing of a mechanical part showing dimensions: 1,0, R0,5 TYP, 0,7x45, and 7,4.

DETAIL A
SCALE 2:1
R0.5 TYP
1,0x45

Technical drawing of the 2500 series connector, showing three views: front, side, and detail.

Front View (Top): Shows the connector with dimensions $59,0 \pm 0,3$ (SHIELD PITCH) and $61,4 \pm 0,3$. It features a shielded area with vertical lines.

Side View (Middle): Shows the connector with dimensions $58,6$, $50,8 \pm 0,3$, and $63,0 \pm 0,3$. It includes labels for "A", "DATE CODE PRINTING", and "6". A note indicates $\phi 6,0$ TYP. for the mounting holes. A detail callout "SEE DETAIL B-" is shown.

Detail View (Bottom): Shows the internal structure with dimensions $54,20^{+0,10}_{-0,05}$, $3,50^{+0,10}_{-0,05}$, $2,40$, $1,27$, $33 \times 1,27 = 41,91$, $54,15$ (BOTH PITCH), $59,0 \pm 0,3$ (GROUND CONTACT PITCH), $3,47 \pm 0,20$, $24,28$, and $28,0$ REF. It includes labels for "NO. 1", "NO. 34", "NO. 68", and "NO. 35".

Diagram of the front panel of the device. It features a power switch (labeled 3) and several indicator lights. The panel is mounted on a frame with four legs.

