

LOC	DIST	REVISIONS					
		P	CTR	DESCRIPTION	DATE	DWN	APVD
H	-	9		ECR-09-005303	06MAR2009	PS	JB

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.

5 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. (ALL OVER)
Au : 0.2µm MIN. (CARD SIDE)
TIN: 2µm MIN. (PCB SIDE)
- 7 ALL PARTS PACKAGED IN TRAYS UNLESS REQUESTED.
- △ NO VOLTAGE ID MARKING ON 3.3V VERSION HOUSING.
- △ THERE MUST ALWAYS BE AN OVERLAP BETWEEN THE HOUSING AND BOTTOM COVER.

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.

1857630-2△	3.3V
1857630-1	5V
TYCO PN.	HEADER VOLTAGE

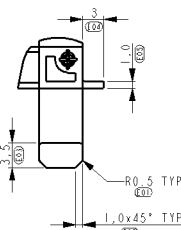
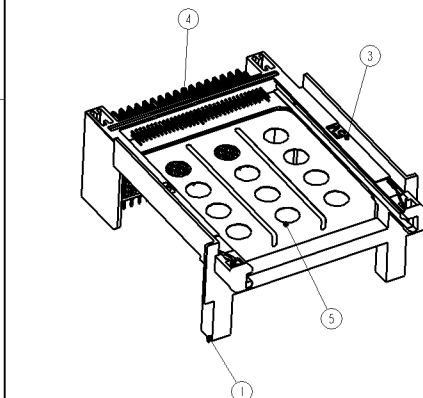
PN 1857630-1 AS SHOWN

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

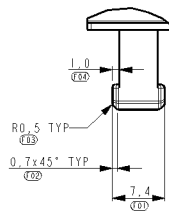
THIS PRINT IS
PRELIMINARY

UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

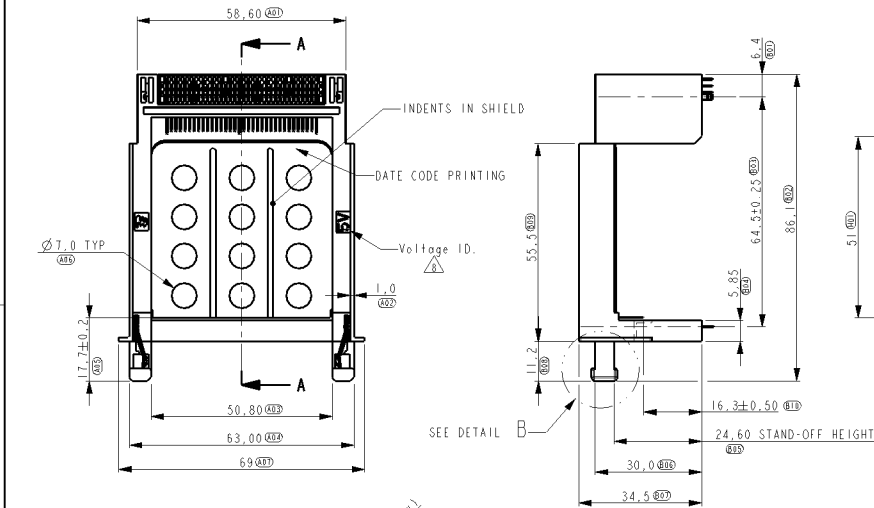
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWG P. Willems 27-03-06		APVD I. Broeksteeg 27-03-06		NAME UNSHIELDED CARDBUS CONNECTOR	
0 PLC	±0.2	1 PLC	±0.1	2 PLC	±0.05	3 PLC	±	4 PLC	±
ANGLES	±	FINISH	±	WEIGHT		SIZE		CAGE CODE	
SEE TABLE		△		CUSTOMER DRAWING		A2 00779		DRAWING NO 108-78404-1	
						SCALE		SHEET	
						1 : 1		1 OF 2	
								REV	
								9	



DETAIL A
SCALE 2:1



DETAIL B
SCALE 2:1



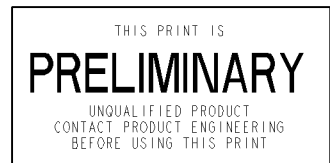
SEE DETAIL B

SEE DETAIL A

RIB ORGANISER

SECTION A-A
SCALE 2:1

0.90 MAX.
CLEARANCE BETWEEN HOUSING
AND TOP OF COVER.

ANP 1471-9 REV 31MAR2000