



REV	DATE	BY	CHKD	DESCRIPTION
B	21/02/2006	JH	JB	ECR-06-004254
B1	18/04/2011	GG	RRP	ECR-11-010161

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 +30°C.
- LENGTH OF CONTACTS:

DIM "A" POSITION No.	LENGTH
5	1, 17, 34, 35, 51, 68
3, 5	36, 67
4, 25	THE OTHERS

- PLATING OF CONTACT: Ni: 1.5µm MIN. (COVERALL)
Au: 0.2µm MIN. (CARD SIDE)
TiN: 2µm MIN. (PCB SIDE)
- ALL PARTS PACKAGED IN TRAYS UNLESS REQUESTED.
- PLATING OF SHIELD: Ni: 1.27µm MIN ALL OVER.
Au: SELECTIVE GOLD FLASH AT CONTACT AND SOLDER AREA
- MEASURING METHOD: MEASURE THESE DIMENSION BY FIXING THE CONNECTOR TO THE STANDARD GAUGE.

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.

PN: 1705895-2 AS SHOWN

ITEM NO	QTY	DESCRIPTION	MATERIAL	FINISH
5	1	SHIELD	STAINLESS STEEL	
4	68	CONTACT	COPPER ALLOY	
3	1	HOUSING	THERMOPLASTIC UL 94 VO	COLOR: BLACK
2	1	ORGANISER	THERMOPLASTIC UL 94 VO	COLOR: BLACK
1	2	GROUND CONTACT	PHOSPHOR BRONZE	TIN: 2µm MIN

THIS DRAWING IS A CONTROLLED DOCUMENT. **TE** TE Connectivity

DATE: 26-11-04
 CDR: Williams
 APPR: Williams
 NAME: **Brackling**
 PRODUCT SPEC: 108-19201
 APPLICATION SPEC: 108-19201

SHIELDED CARD BUS CONNECTOR
 5mm RAISED, 0.7mm OFFSET

ITEM NO: A2
 CAGE CODE: 00779
 DRAWING NO: 1705895
 RESTRICTED TO: -

MATERIAL: SEE TABLE
 WEIGHT: -
 CUSTOMER DRAWING

SCALE: - SHEET 1 OF 1 REV B1