

REV	MODIFICATION	DATE	DRAW
B	EN-04-1222	12.10.04"	Aaron

Ordering Information:  
AIO4X-221XXBXX0

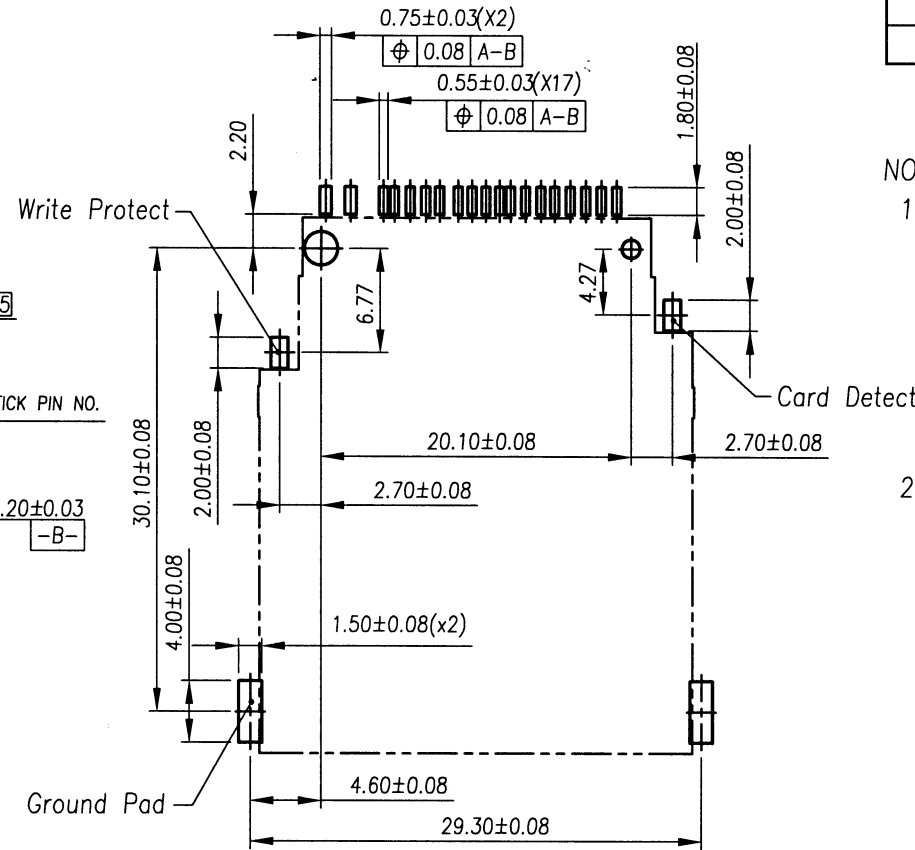
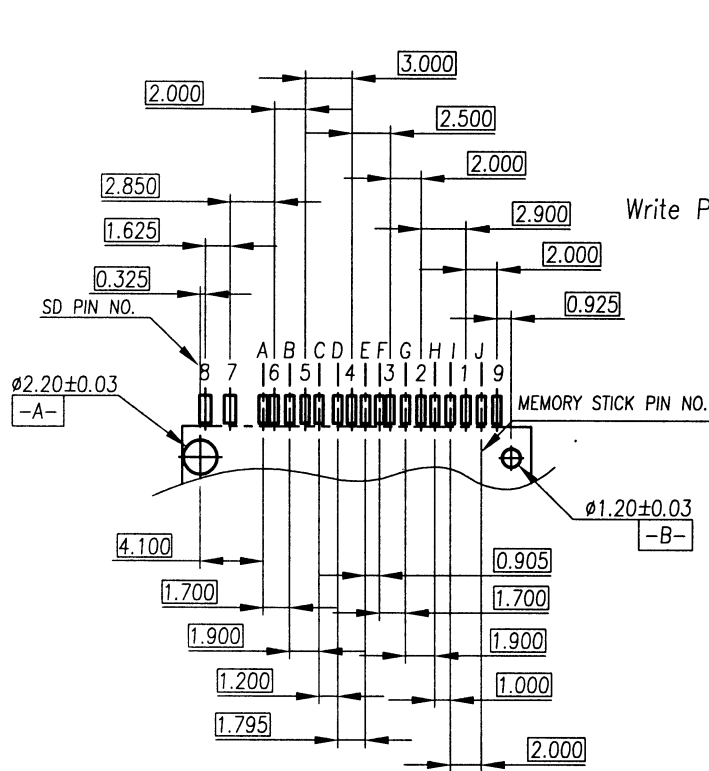
Contact Area Plating:

- 05--5u" Gold Plating
- 10--10u" Gold Plating
- 15--15u" Gold Plating

0 : W/O LOGO  
1 : WITH LOGO  
0 : TIN/LEAD PLATING  
T : LEAD FREE

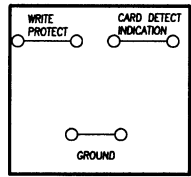
DIMENSION IN mm [Inch]		PROD. SPEC.	TITLE	
TOLERANCE UNLESS OTHERWISE SPECIFIED		SP0060	SD,MMC,MEMORY STICK 3 IN 1 CONNECTOR	CUSTOMER DRAWING
.X±0.30	X:±	APPROVE	FILE NO. KFP-060	DWG NO. AIO4X-221XXBXX0
.XX±0.20	.X:±	CHECK	SIZE A4	PROJ. SHEET 1 / 3
.XXX±0.10	.XX:±	DRAW	SCALE 3:2	REV B

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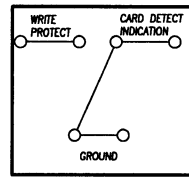


NOTES:

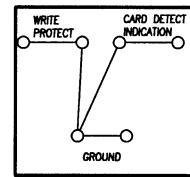
- Material:
  - Housing: Thermoplastic UL94V-0
  - Color: Black
  - Contact: Phosphor Bronze.
  - Tin/Lead 100u" at Solder Tail, See "Ordering Information" for Contact Area Plating
  - Mounting Ear, Brass Nickel plating for all.
- Specification:
  - Electrical Characteristics:
    - A-1. Contact Resistance: 100 MΩ Max.
    - A-2. Dielectric Withstanding Voltage: 500 VAC, Max With 1 Minute
    - A-3. Insulation Resistance: 1000 MΩ Min.
    - A-4. Current Rating: 0.5A AC/DC MAX. Rated Voltage: 5V RMS Min.
  - Mechanical Characteristics:
    - B-1. Insertion Force: 9.80 N Max.
    - B-2. Separation Force: 1.96 N Min.
    - B-3. Retention Force: 4.9 N Min. Per Contact
    - B-4. Operating Temperature: -25°C ~ +90°C



WITHOUT CARD



CARD INSERTED  
WRITE PROTECT : LOCK

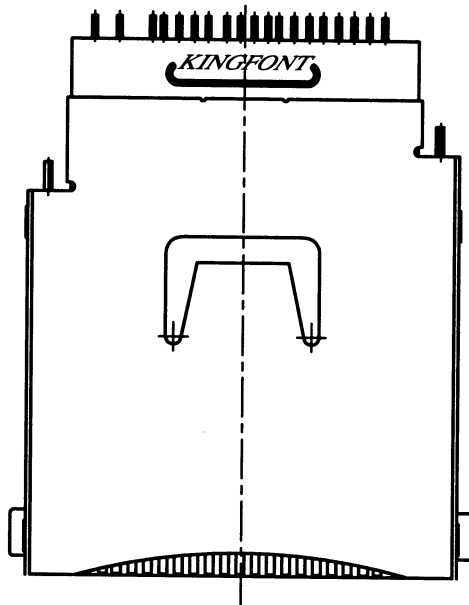
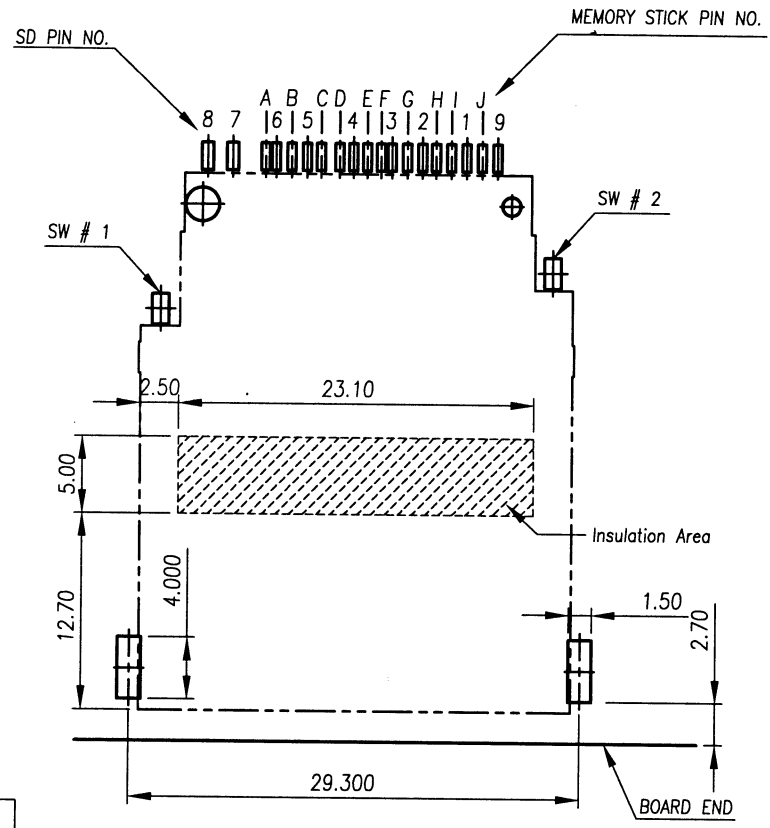


CARD INSERTED  
WRITE PROTECT : UNLOCK

DIMENSION IN mm [Inch]		PROD. SPEC. SP0060
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC. PPP-A0-002
.X±0.30	X.±	APPROVE <i>[Signature]</i>
.XX±0.20	.X.±	CHECK <i>[Signature]</i>
.XXX±0.10	.XX.±	DRAW <i>[Signature]</i>

TITLE SD, MMC, MEMORY STICK 3 IN 1 CONNECTOR		CUSTOMER DRAWING	
FILE NO. KFP-060	DWG NO. A104X-221XXBXX0		
SIZE <b>A4</b>	PROJ.	SHEET 2 / 3	0
SCALE 2:1	REV B	8F-01-R10	

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PCB LAYOUT TOP VIEW

SD & MMC		MS	
PIN	NAME	PIN	NAME
1	CD/DAT3	A	VSS
2	CMD/DI	B	BS
3	VSS1	C	VCC
4	VDD	D	SDIO
5	CLK/SCLK	E	Reserved
6	VSS2	F	INS
7	DAT0	G	Reserved
8	DAT1	H	SCLK
9	DAT2	I	VCC
		J	VSS

DIMENSION IN mm [Inch]		PROD. SPEC.	TITLE	
TOLERANCE UNLESS OTHERWISE SPECIFIED		SP0060	SD,MMC,MEMORY STICK 3 IN 1 CONNECTOR	
.X±0.30	X'±	PKG. SPEC. PPP-A10-002	FILE NO. KFP-060	DWG NO. A104X-221XXBXX0
.XX±0.20	.X'±	APPROVE <i>[Signature]</i>	SIZE <b>A4</b>	PROJ.  SHEET 3 / 3
.XXX±0.10	.XX'±	CHECK <i>[Signature]</i>	SCALE 2:1	REV B
		DRAW <i>[Signature]</i>		