

F

E

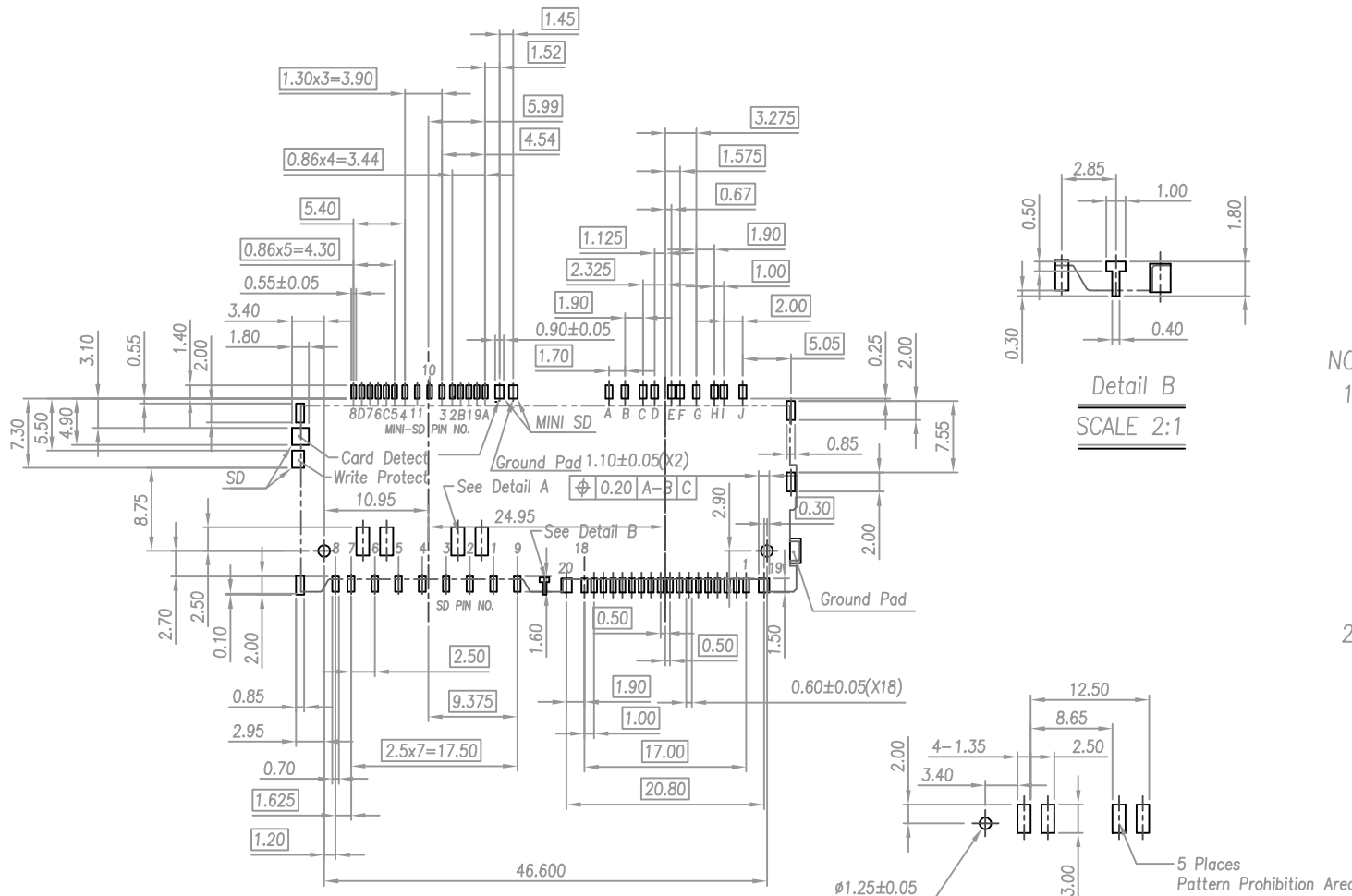
D

C

B

A

12345678

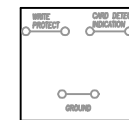


P.C.B Layout (Top View)

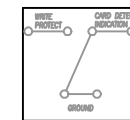
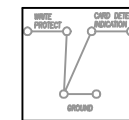
Detail B
SCALE 2:1

Detail A

REV	MODIFICATION	DATE	DRAW
B	EN-05-0431	04-29-05"	JIM LIU
C	EN-05-0526	05-26-05"	JIM LIU
D	EN-06-1215	12-21-06"	TONY



WITHOUT CARD

CARD INSERTED
WRITE PROTECT : LOCKCARD INSERTED
WRITE PROTECT : UNLOCK

NOTES:

1.Material:

Housing:Thermoplastic UL94V-0

Color:Black

Contact:Phosphor Bronze.

RoHS at Solder Tail,See

"Ordering Information" for Contact

Area Plating

Cover:Phosphor Bronze, Nickel plating for all.

2.Specification:

A.Electrical Characteristics:

A-1.Contact Resistance: 40 Milliohms Max.

A-2.Dielectric Withstanding Voltage:

500 VAC Max With 1 Minute

A-3.Insulation Resistance:1000 Megaohms Min.

A-4.Current Rating:1 A AC/DC MAX.

Rated Voltage:500 V RMS Min.

B.Mechanical Characteristics:

B-1.Insertion Force:9.80 N Max.

B-2.Separation Force:1.00 N Min.

B-3.Contact Retention Force:0.98 N Min.

Per Contact

B-4.Operating Temperature:-20°C~+60°C

SD & MMC & RS MMC		MINI SD		MS & MS DUO		XD				MMC 4.0	
PIN	NAME	PIN	NAME	PIN	NAME	PIN	NAME	PIN	NAME	PIN	NAME
1	CD/DAT3	1	CD/DAT3	A	VSS	1	GND	12	D2	A	DAT4
2	CMD/DI	2	CMD/DI	B	BS	2	R/B#	13	D3	B	DAT5
3	VSS1	3	VSS1	C	VCC	3	RE#	14	D4	C	DAT6
4	VDD	4	VDD	D	SDIO	4	CE#	15	D5	D	DAT7
5	CLK/SCLK	5	CLK/SCLK	E	Reserved	5	CLE	16	D6		
6	VSS2	6	VSS2	F	INS	6	ALE	17	D7		
7	DAT0	7	DAT0	G	Reserved	7	WE#	18	VCC		
8	DAT1	8	DAT1	H	SCLK	8	WP#	19	CD#		
9	DAT2	9	DAT2	I	VCC	9	GND	20	NC		
		10		J	VSS	10	D0				
		11			D1						

DIMENSION IN mm [Inch]		PROD. SPEC. SP0087				
TOLERANCE UNLESS OTHERWISE SPECIFIED		PKG. SPEC. PPP-AIO-005				
.X±0.10	X.*±	APPROVE	TITLE SD/MMC(&4.0)/MINI SD,MS,MS PRO MS DUO,XD,RS MMC(&4.0) 10 IN 1 CONN.		CUSTOMER DRAWING	
.XX±0.05	.X*±	CHECK	FILE NO. KFP-087	DWG NO. AIOAX-154XXBXXX		
.XXX±	.XX*±	DRAW	SIZE A4	PROJ. 	SHEET 2 / 2	
			SCALE 3:2	REV D		

8F-01-R10