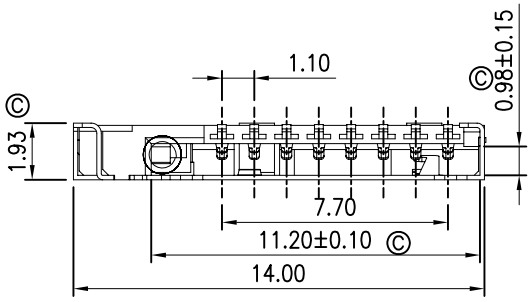
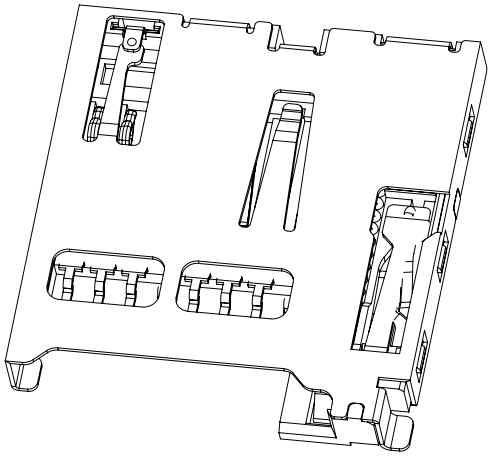
REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	ES.D0808.025	Release	08.06/2008
B	ES.D0808.044	Change Dimension"A"	08.14/2008
C	ES.D0810.040	Change Dimension,see ©	10.14/2008
D	ES.D0905.065	Change Switch Contact Sequence	05/13/2009

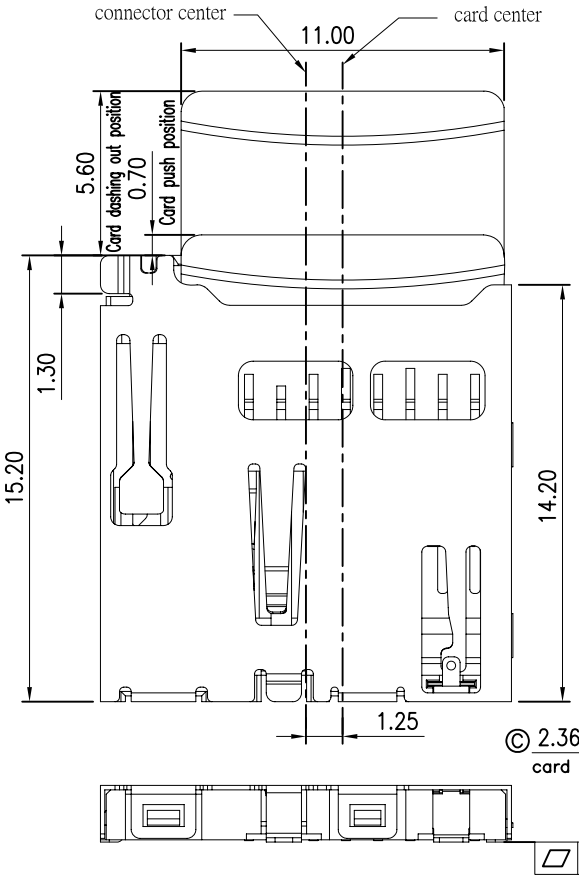


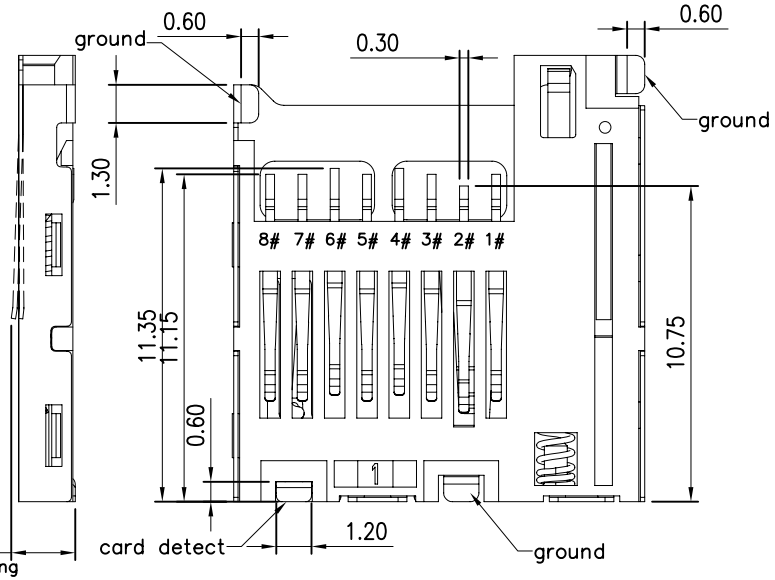
microSD DEFINITION

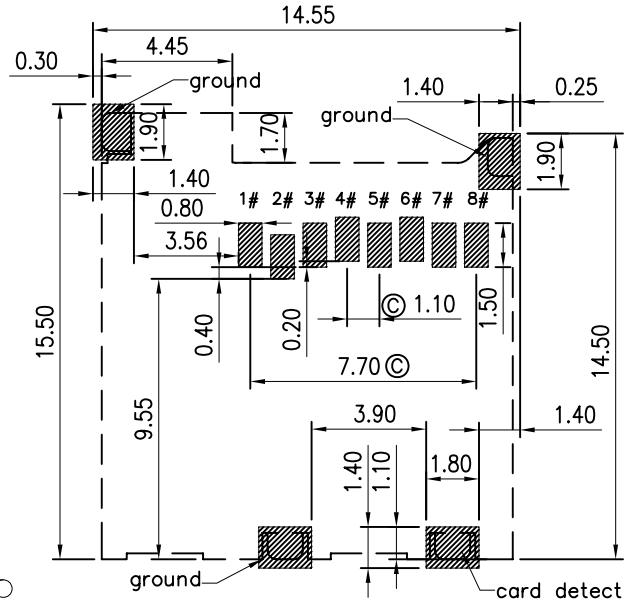
PIN NO.	FUNCTION
1	DATA LINE(BIT 2)
2	CARD DETECT/DATA LINE(BIT 3)
3	COMMAND RESPONSE
4	SUPPLY VOLTAGE
5	CLOCK
6	SUPPLY VOLTAGE GROUND
7	DATA LINE(BIT 0)
8	DATA LINE(BIT 1)

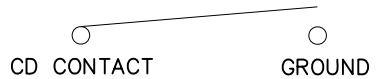


Notes:
1.All Dimensions are in Millimeters.
2.Material:
Housing:LCP Color:black
Contact:Phosphor Bronze.
Tin 160u" at Solder Tail,
Selectived Gold on Contact Area Plating.
3.Specification:
3.1.Electrical Characteristics:
3.1.0. Contact Resisitance: 100mΩ Max.
3.1.1. Dielectric Withstanding Voltage:
500VAC Max With i Minute
3.1.2. Insulation Resisitance:1000 MΩ Min.
3.1.3. Current Rating: 0.5A AC/DC Max.
3.2.Mechanical Characteristics:
3.2.0. Mating Force: 30N Max.
3.2.1. Unmating Force : 1~30N.
3.2.2. Contact Retation Force:
100g Min. Per Pin.
3.2.3. Operating Temperature: −25°C~+85°C
3.2.4. Storage Temperature:−40°C~+85°C









Detec state initial

Detect state inserting Card

RECOMMANDED PCB LAYOUT
(ALL TOLERANCE IS 0.05)
STEEL BOARD T=0.12MM(MIN)

10100660 * * *
6: Reel
64: Contact area 1u",Solder tail Sn 160u"
68: Contact area 15u",Solder tail Sn 160u"

GENERAL	TOLERANCE	FILE.NO.	10100660	PART.NO.	10100660***	DRAWN	JANE	MATERIAL		SCALE	4:1
X.±0.50	x. °± 5°	REV.	D	TITLE	microSD push push connector(9Pin)−II	CHECKED		DATE	05/13/2009	UNIT	MM
.X±0.38	.x °± 2°	SIZE		SHEET	1 OF 1	APPROVED		Amphenol Shouh Min Industry			
.XX±0.25	.xx± 1°	A4									