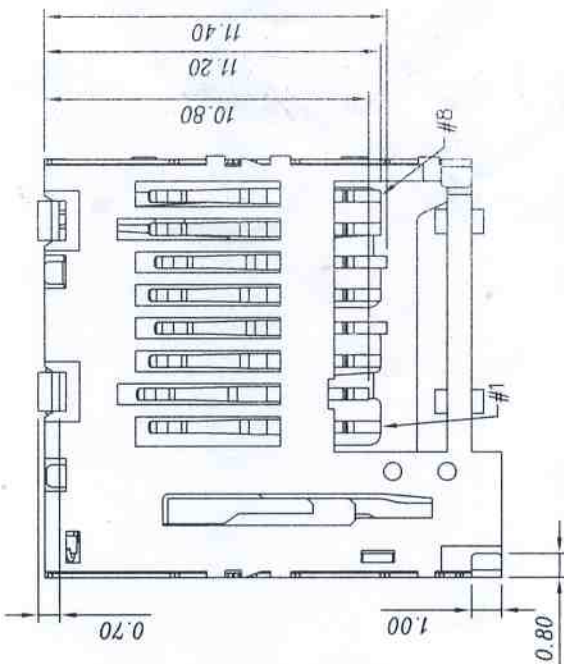
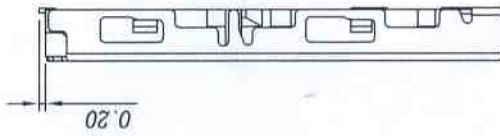
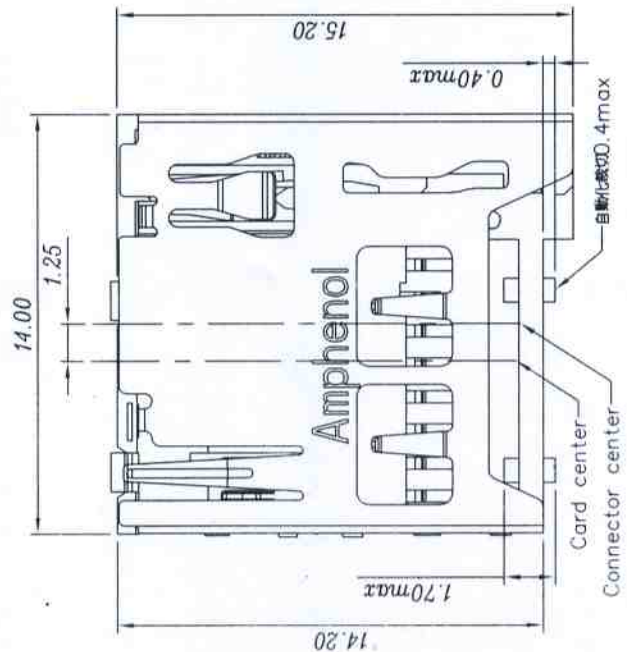
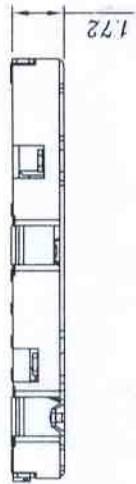


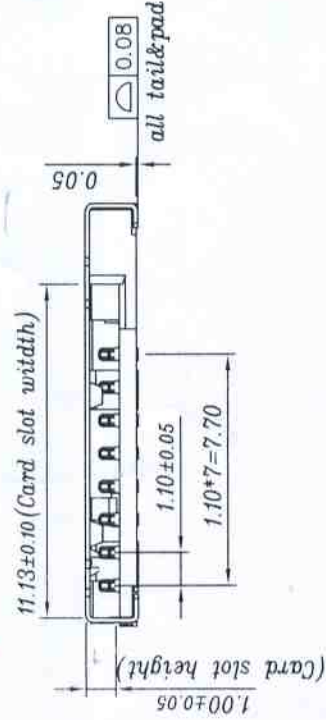
REV	ECN NO.	MODIFY CONTENT	DATE
A	ES.D0805.081	RELEASE	5/15-08
B	ES.D0805.042	7/14/08 2008.08.01	05/07-09
C	ES.D0909.074	Modify PCB PAD Long	09/30-09



Notes:
1. All Dimensions are in Millimeters.

2. Material:
Housing: High Temperature Thermoplastic: UL94V-0, Black
Slide: High Temperature Thermoplastic: UL94V-0, Black
Contact: Phosphor Bronze.
Detect Pin: Phosphor Bronze.
Lock Pin: Stainless steel

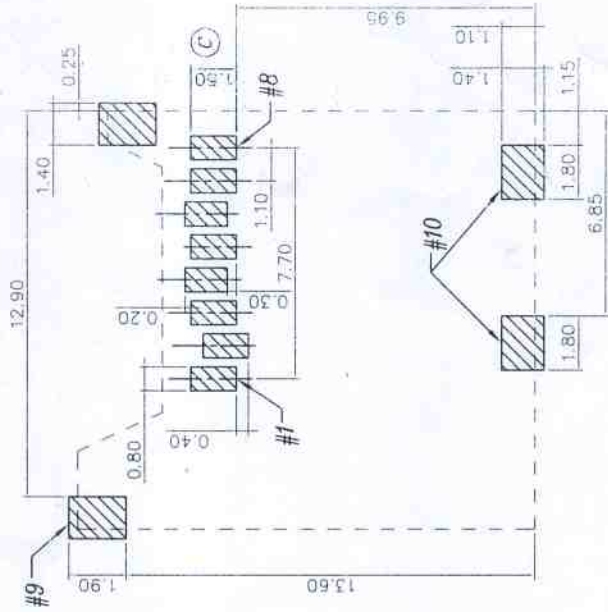
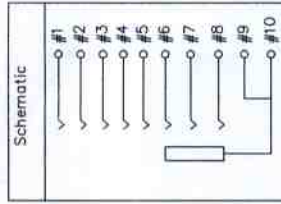
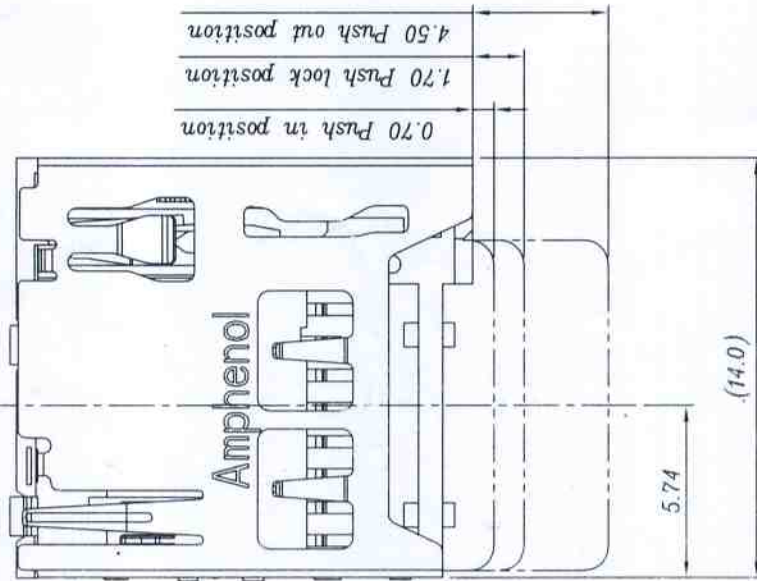
3. Plated
Contact: 20u"Min. Au Plating in Contact Area
1-3u"Min. Au Plated Solder Tail
50u"Min Ni Under Plated Over All
Detect Pin: 1u"Min. Au Plated Over All
50u"Min Ni Under Plated Over All
Shell : 1-3u"Min. Au Plated Solder Tail
50u"Min Ni Under Plated Over All



4. Specification:
4.1. Electrical Characteristics:
4.1.0. Contact Resistance: 100mΩ Max.
4.1.1. Dielectric Withstanding Voltage: 500VAC Max With 1 Minute
4.1.2. Insulation Resistance: 1000 MΩ Min.
4.2. Mechanical Characteristics:
4.2.0. Mating Force: 30N Max.
4.2.1. Unmating Force: 1~30N.
4.2.2. Durability: 10000 Cycles

GENERAL		TOLERANCE	FILE NO.			3	2	1	PART NO.	1010058159	DRAWN	Jane Yu	MATERIAL		SCALE	4:1	
X ± 0.50	X ± 5°	REV.	C	DATE									UNIT				
		SIZE												2009/09/30			
X ± 0.38	X ± 2°	A4															
XX ± 0.25	XX ± 1°																
MICRO-SD NORMAL CLOSED CUSTOMER										1/2	CHECKED	APPROVED	Amphenol Shouhmin Industry				
TITLE																	
SHEET																	

Card center



RECOMMENDED PCB LAYOUT
(ALL TOLERANCE IS ± 0.05)

- PAD
- KEEP OUT AREA
- T-Flash Card area

Pin Assignment

PIN NO.	NAME	TYPE	DESCRIPTION
1	DATA2	I/O/PP	DATA LINE(BIT 2)
2	CD/DAT3	I/O/PP	CARD DETECT/DATA LINE(BIT 3)
3	CMD	PP	COMMAND RESPONSE
4	VDD	S	SUPPLY VOLTAGE
5	CLK	I	CLOCK
6	VSS	S	SUPPLY VOLTAGE GROUND
7	DAT0	I/O/PP	DATA LINE(BIT 0)
8	DAT1	I/O/PP	DATA LINE(BIT 1)

Relation Of Switch To T-Flash Card Attachment Condition

Card Attachment Condition	Card Detect Switch	Situation Depiction
Card Not Attached	Closed	#9
 Short
Card Attached	Open	#9
 Open

GENERAL	TOLERANCE	FILE NO.	10100581	PART NO.	1010058159	DRAWN	Jane Yu	MATERIAL	SCALE	4:1
G	X ± 0.50	REV.	C	TITLE	MICRO-SD NORMAL CLOSED CUSTOMER	CHECKED	Henry Wang	DATE	2009/09/30	UNIT
	X ± 0.38	SIZE	A4	SHEET	2/2	APPROVED				MM
	XX ± 0.25									
Amphenol Shouhmin Industry										