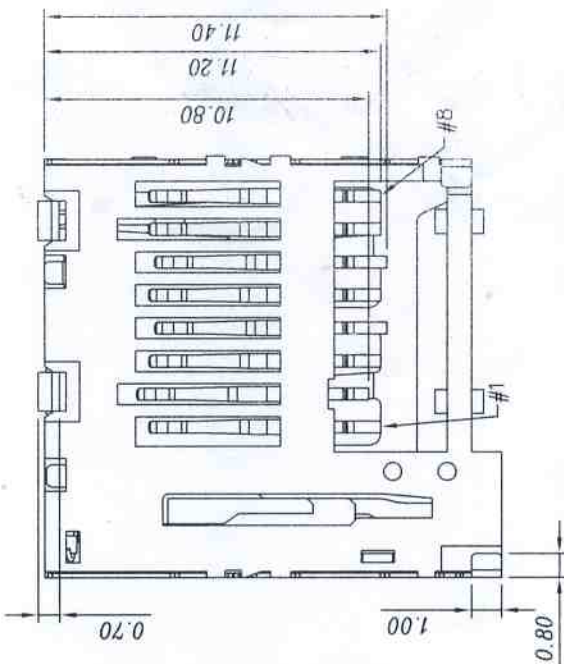
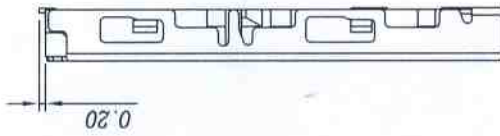
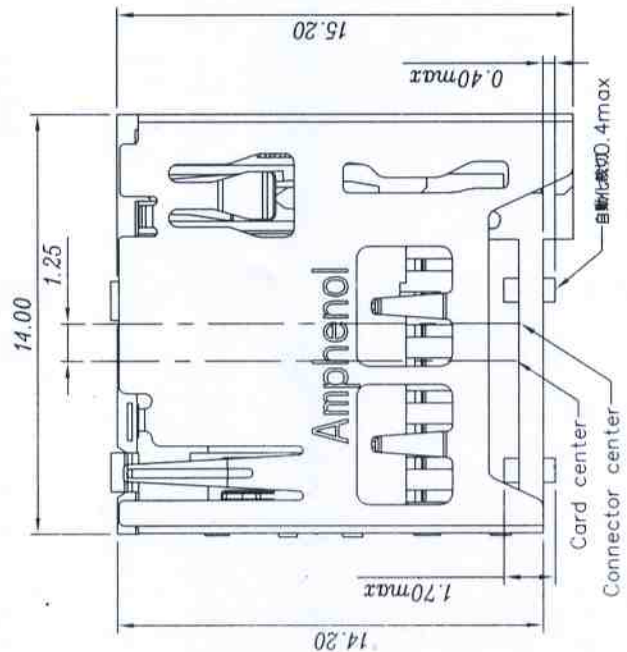
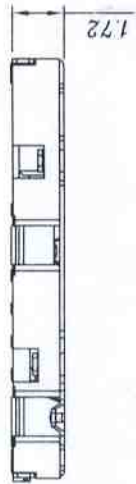


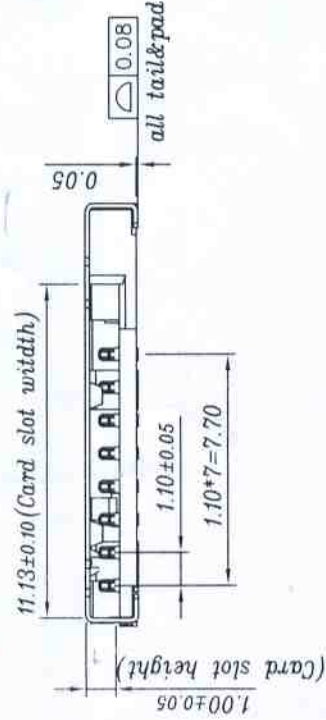
REV	ECN NO.	MODIFY CONTENT	DATE
A	ES.D0805.081	RELEASE	5/15-08
B	ES.D0805.042	7/14/08 2008	05/07-09
C	ES.D0909.074	Modify PCB PAD Long	09/30-09



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.	10100581	PART NO.	1010058159	DRAWN	Jane Yu	MATERIAL	SCALE	
X ± 0.50	x ± 5°		REV.	C	TITLE	MICRO-SD NORMAL CLOSED CUSTOMER	CHECKED	<i>Lenny Wang</i>	DATE	2009/09/30	UNIT
X ± 0.38	x ± 2°		SIZE		SHEET	1/2	APPROVED	<i>RFK</i>	Amphenol Shouhmin Industry		
XX ± 0.25	xx ± 1°		A4								MM




RECOMMENDED PCB LAYOUT  
(ALL TOLERANCE IS +0.05)



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)

Card Attachment Condition	Card Detect Switch	Situation Depiction
Card Not Attached	Closed	#9A/#10 Short
Card Attached	Open	#9A/#10 Open

GENERAL TOLERANCE		FILE NO.	10100581		PART. NO.		1010058159		DRAWN		Jane Yu		MATERIAL		SCALE		4:1		
X ± 0.50		X ± 5°		REV.		C		MICRO-SD NORMAL CLOSED CUSTOMER		CHECKED		✓ Lenny. Wang		DATE		2009/09/30		UNIT	
X ± 0.38		X ± 2°		SIZE						APPROVED		[Signature]						MM	
XX ± 0.25		XX ± 1°		A4				SHEET		2/2								Amphenol Shouhmin Industry	
																			

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