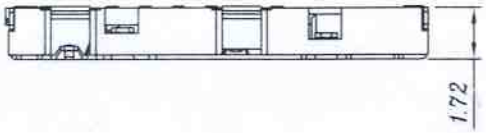
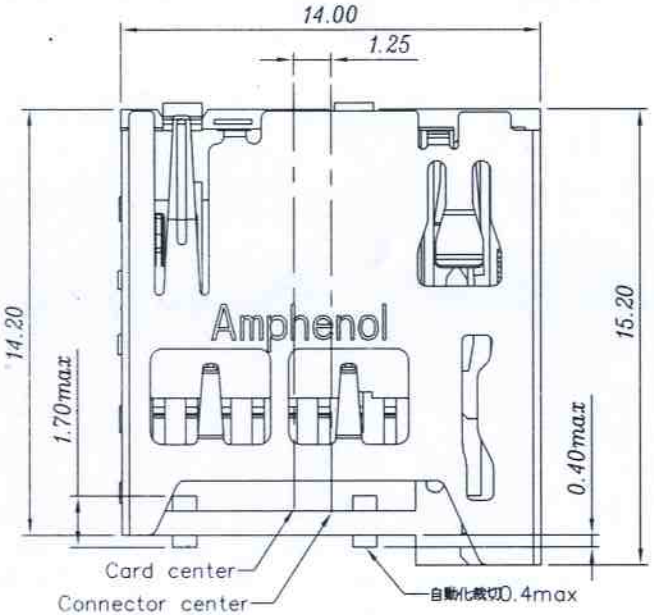
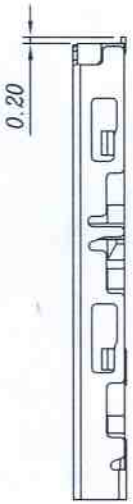
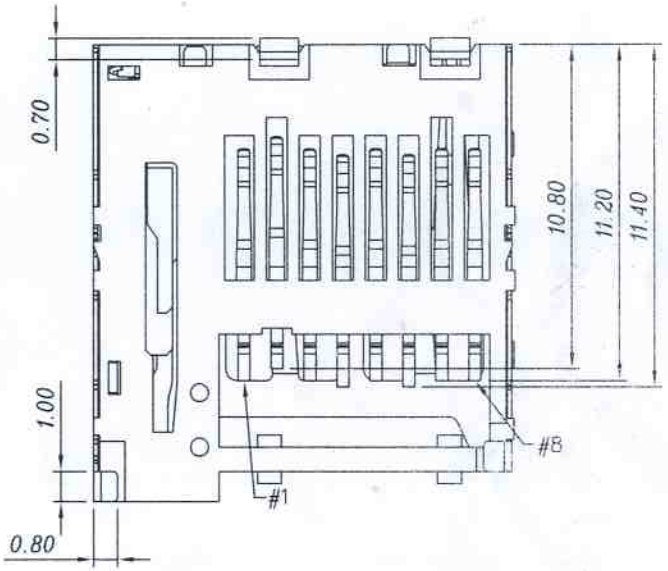
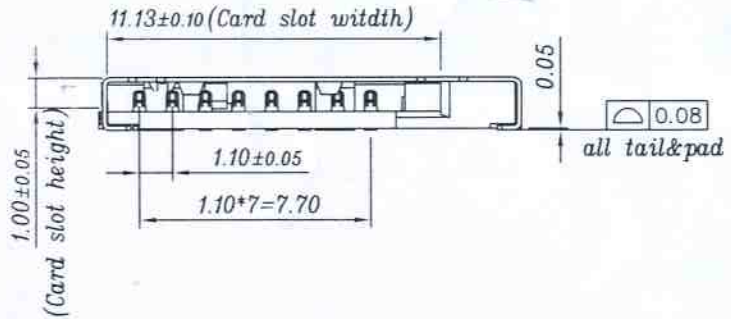
REV	ECN.NO.	MODIFY.CONTENT	DATE
A	ES.D0805.081	RELEASE	5/15-08
B	ES.D0905.042	[illegible]	05/07-09
C	ES.D0909.074	Modify PCB PAD Long	09/30-09









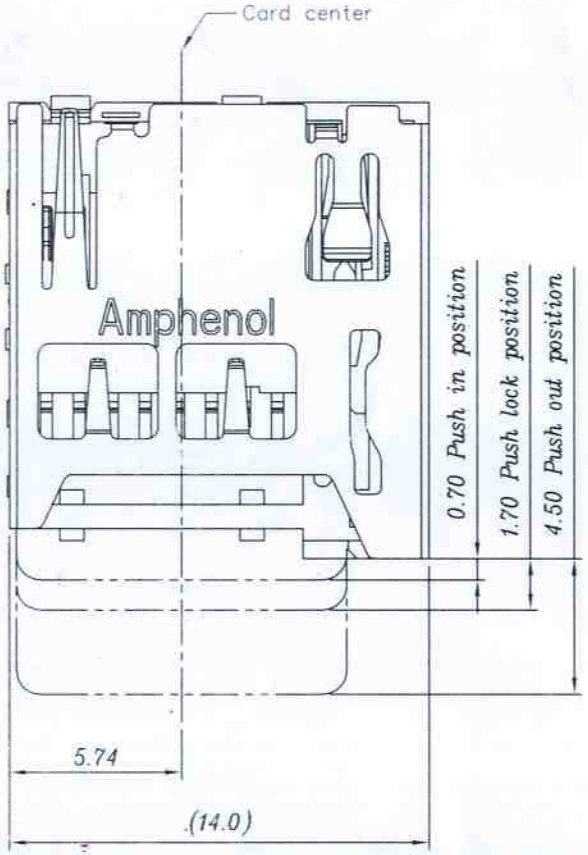


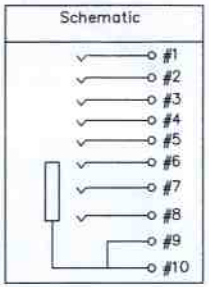
Notes:
1. All Dimensions are in Millimeters.
2. Material:
   Housing: High Temperature Thermoplastic. UL94V-0. Black
   Slide: High Temperature Thermoplastic. UL94V-0. Black
   Contact: Phosphor Bronze.
   Detect Pin: Phosphor Bronze.
   Lock Pin: Stainless steel
3. Plated
   Contact: 20u"Min. Au Plating 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

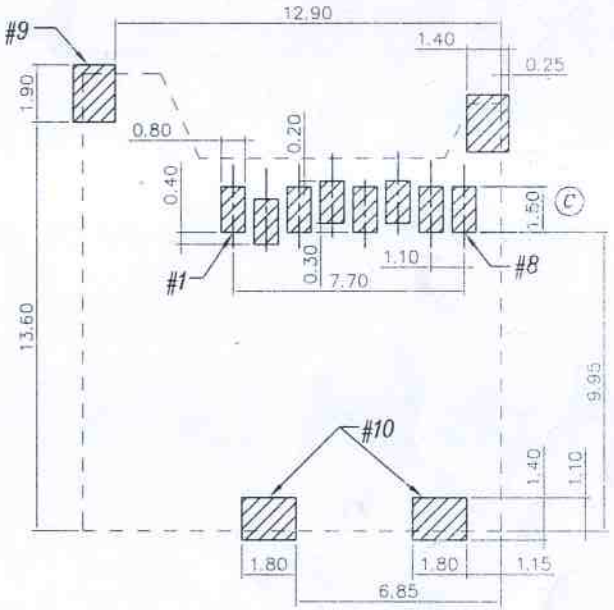
4. Specification:
   4.1. Electrical Characteristics:
   4.1.0. Contact Resisitance: 100mΩ Max.
   4.1.1. Dielectric Withstanding Voltage: 500VAC Max With 1 Minute
   4.1.2. Insulation Resisitance: 1000 MΩ Min.
   4.2. Mechanical Characteristics:
   4.2.0. Mating Force: 30N Max.
   4.2.1. Unmating Force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

GENERAL	TOLERANCE	FILE.NO.	10100581	PART.NO.	1010058159	DRAWN	Jane Yu	MATERIAL		SCALE	4:1
X.±0.50	x. °± 5 °	REV.	C	TITLE	MICRO-SD_NORMAL_CLOSED CUSTOMER	CHECKED	Henry.Wang	DATE	2009/09/30	UNIT	MM
.X±0.38	.x °± 2 °	SIZE		SHEET	1/2	APPROVED		Amphenol Shouhmin Industry			
.XX±0.25	.xx ± 1 °	A4									

REV.	ECN.NO.	MODIFY.CONTENT	DATE
A	ES.D0805.081	RELEASE	5/15-08
B	ES.D0905.042	[illegible]	05/07-09
C	ES.D0909.074	Modify PCB PAD long	09/30-09







RECOMMANDED PCB LAYOUT
(ALL TOLERANCE IS ±0.05)

PAD

KEEP OUT AREA

T-Flash Card area

Pin Assignment

PIN NO.	NAME	TYPE	DESCRIPTION
1	DAT2	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&#10 Short
Card Attached	Open	#9&#10 Open

GENERAL	TOLERANCE	FILE.NO.	10100581	PART.NO.	1010058159	DRAWN	Jane Yu	MATERIAL		SCALE	4:1
X.±0.50	x. °± 5 °	REV.	C	TITLE	MICRO-SD_NORMAL_CLOSED CUSTOMER	CHECKED	Lenny. Way	DATE	2009/09/30	UNIT	MM
.X±0.38	.x °± 2 °	SIZE		SHEET	2/2	APPROVED		Amphenol Shouhmin Industry			
.XX±0.25	.xx± 1 °	A4									