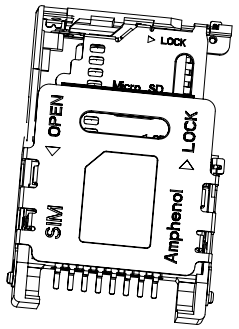
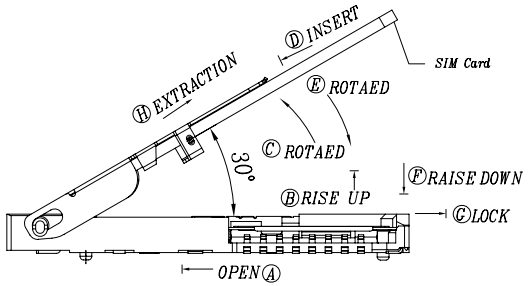
REV.	ECN.NO.	MODIFY.CONTENT	DATE
E	ES.D0906.017	add post length	2009/06/04
F	ECN10030264	塑胶底部减胶	03/08'10
G	ECN11090675	胶芯增加掏料	9/27'11



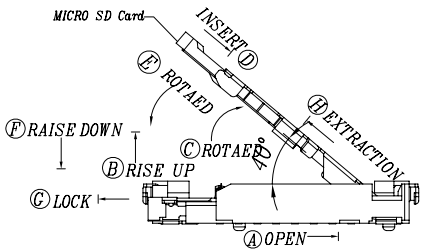


SIM OPERATION STEP

HOW TO INSERT AND EXTRACT

INSERT PROCESS: Ⓐ→Ⓑ→Ⓒ→Ⓓ→Ⓔ→Ⓕ→Ⓖ

EXTRACT PROCESS: Ⓐ→Ⓑ→Ⓒ→Ⓗ

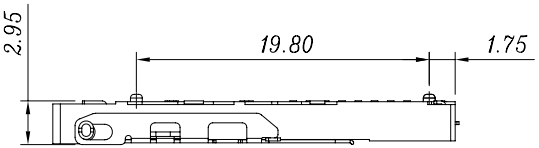


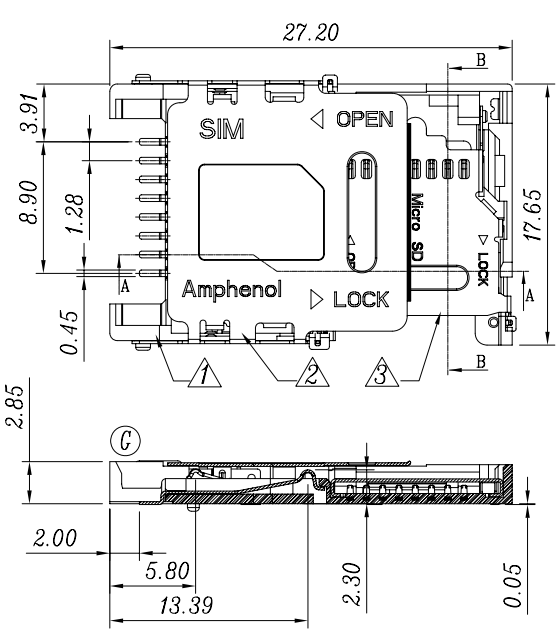
MICRO SD OPERATION STEP

HOW TO INSERT AND EXTRACT

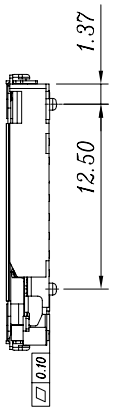
INSERT PROCESS: Ⓐ→Ⓑ→Ⓒ→Ⓓ→Ⓔ→Ⓕ→Ⓖ

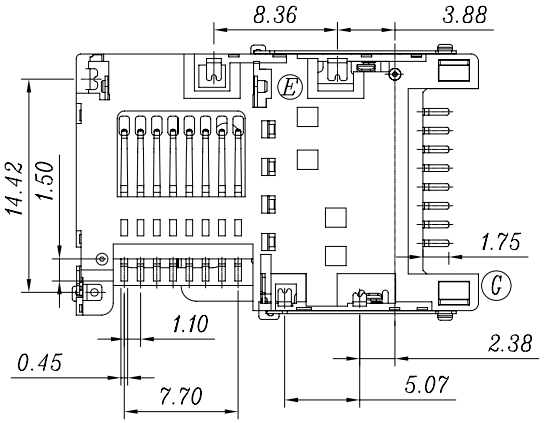
EXTRACT PROCESS: Ⓐ→Ⓑ→Ⓒ→Ⓗ

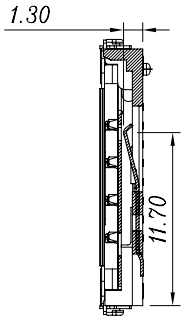




SECTION A–A
SCALE 1:1



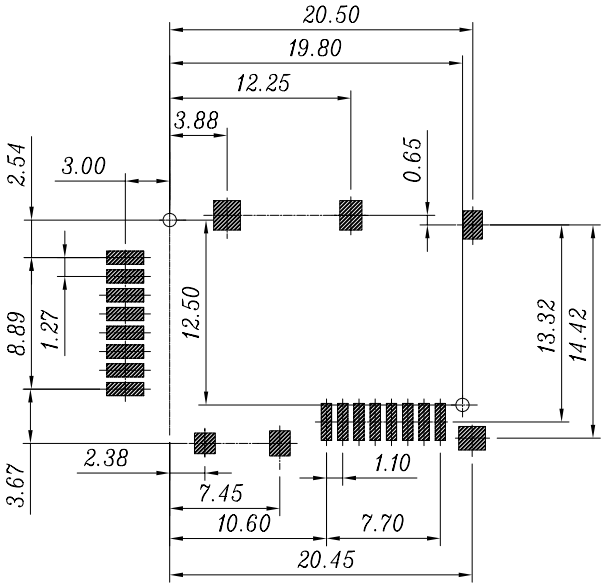




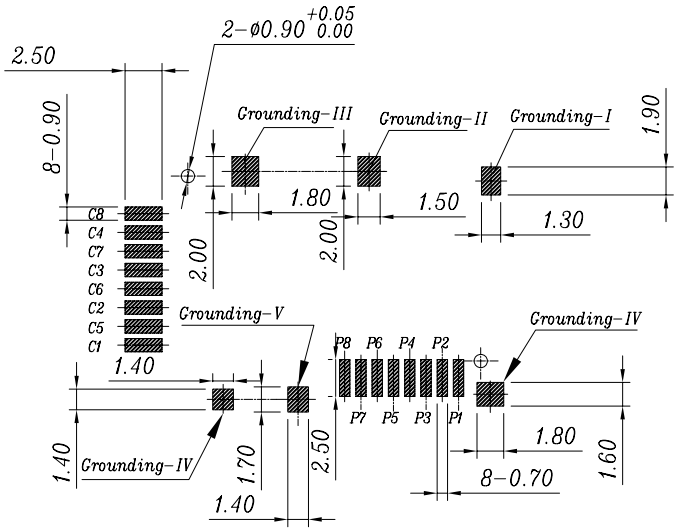
SECTION B–B
SCALE 1:1

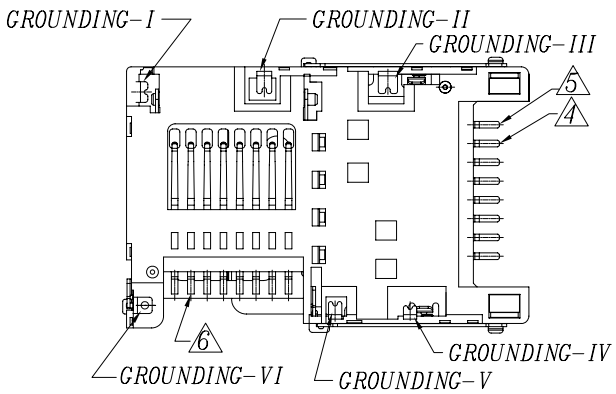
GENERAL	TOLERANCE	FILE.NO.	10100492	PART.NO.	10100492**	DRAWN	Yan.he	MATERIAL		SCALE	2:1
X.±0.50	x.°±5°	REV.	G	TITLE	SIM+MICRO SD CONN.	CHECKED		DATE	9/27'2011	UNIT	mm
.X±0.38	.x°±2°	SIZE		SHEET	1/2	APPROVED		Amphenol Shouhmin Industry			
.XX±0.25	.xx°±1°	A4									

REV.	ECN.NO.	MODIFY.CONTENT	DATE
E	ES.D0906.017	add post length	2009/06/04
F	ECN10030264	塑胶底部减胶	03/08'10
G	ECN11090675	胶芯增加掏料	9/27'11



RECOMMENDER P.C.B LAYOUT
(ALL TOLERANCES:0.03mm)





NOTE:

1. MATERIAL
   A. INSULATOR: HIGH TEMPERATURE THERMOPLASTIC, UL94 V-0.
   B. SHELL: STAINLESS STEEL.
   C. CONTACT: COPPER ALLOY.
2. PLATED:
   CONTACT AREA: GOLD 1~50u" SELECTIVE
   SOLIDER TAIL: TIN PLATED OR GOLD FLASH
   UNDERPLATING: 50u" NICKEL
3. PAD: GOLD PLATING OVER NICKEL.

SIM pin assignment	
PIN#	Name
C1	VCC
C2	RST
C3	CLK
C4	Reserved
C5	GND
C6	VPP
C7	I/O
C8	Reserved

Micro SD pin assignment	
PIN#	Name
P1	DAT2
P2	CD/DAT3 [2]
P3	CMD
P4	V_{DD}
P5	CLK
P6	VSS
P7	DAT0
P8	DAT1

PART. NO:
10100492**
- 17: Contact area 1u", Solder tail plating gold flash
- 18: Contact area 3u", Solder tail plating gold flash
- 19: Contact area 5u", Solder tail plating gold flash
- 20: Contact area 15u", Solder tail plating gold flash
- 21: Contact area 30u", Solder tail plating gold flash
- 22: Contact area 50u", Solder tail plating gold flash

MATERIALS & PLATINGS TABLE

ITEM	DESCRIPTION	Q'TY	MATERIAL
6	TERMINAL/GROUNDING	8	PHOSPHER BRONZE(t=0.20)
5	SIM TERMINAL-II	4	PHOSPHER BRONZE(t=0.20)
4	SIM TERMINAL-I	4	PHOSPHER BRONZE(t=0.20)
3	MICRO SD SHELL	1	STAINLESS STEEL.(t=0.20)
2	SIM SHELL	1	STAINLESS STEEL.(t=0.20)
1	INSULATOR	1	LCP UL 94V-0

GENERAL	TOLERANCE	FILE.NO.	10100492	PART.NO.	10100492**	DRAWN	Yan.he	MATERIAL		SCALE	2:1
X.±0.50	x.°±5°	REV.	G	TITLE	SIM+MICRO SD CONN.	CHECKED		DATE	9/27'2011	UNIT	mm
.X±0.38	.x°±2°	SIZE		SHEET	2/2	APPROVED		Amphenol Shouhmin Industry			
.XX±0.25	.xx°±1°	A4									