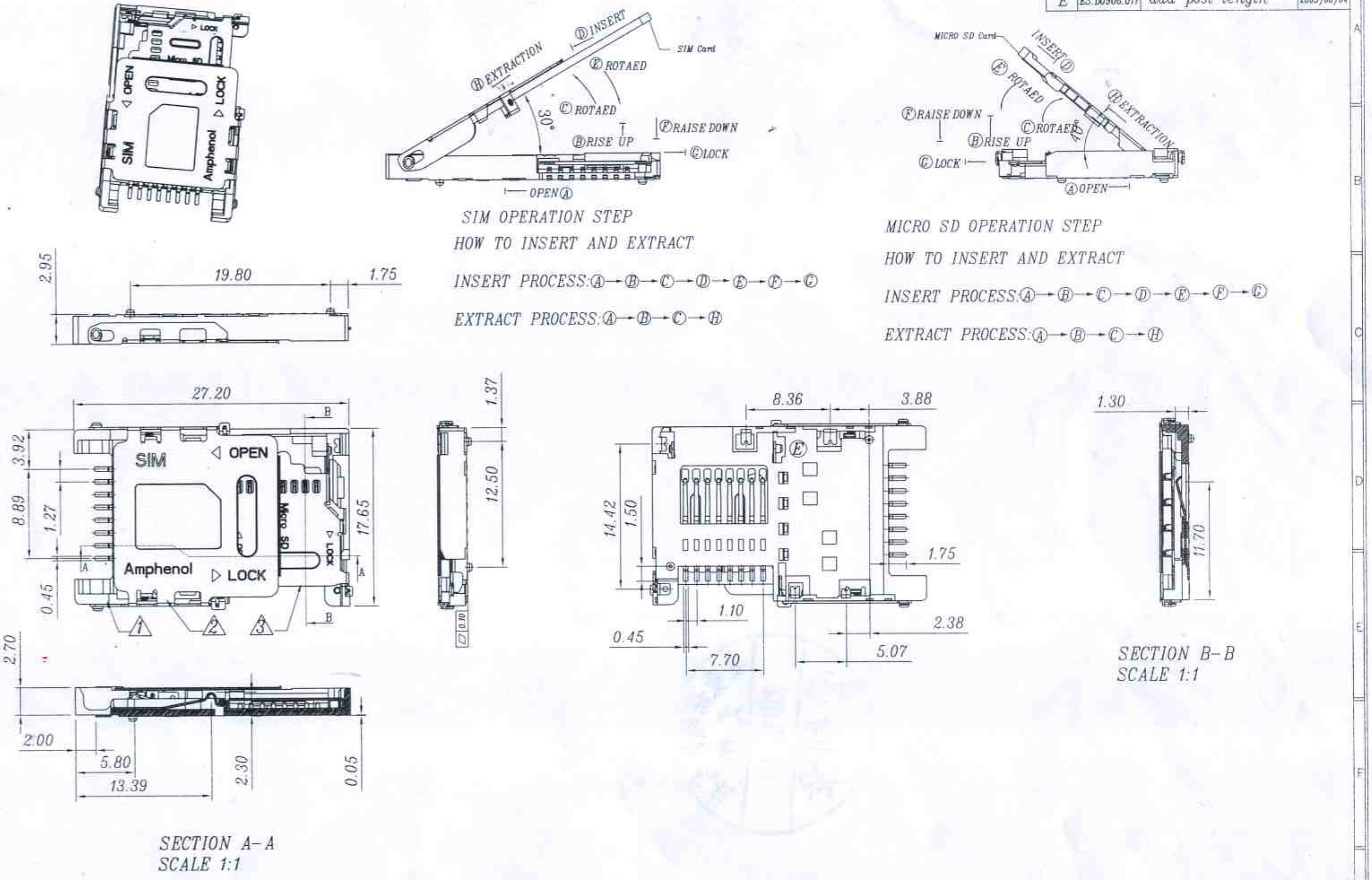
REV.	ECN.NO.	MODIFY.CONTENT	DATE
E	ES.D0906.017	add post length	2009/06/04



SIM OPERATION STEP

HOW TO INSERT AND EXTRACT

INSERT PROCESS:Ⓐ→Ⓑ→Ⓒ→Ⓓ→Ⓔ→Ⓕ→Ⓖ

EXTRACT PROCESS:Ⓐ→Ⓑ→Ⓒ→Ⓗ

MICRO SD OPERATION STEP

HOW TO INSERT AND EXTRACT

INSERT PROCESS:Ⓐ→Ⓑ→Ⓒ→Ⓓ→Ⓔ→Ⓕ→Ⓖ

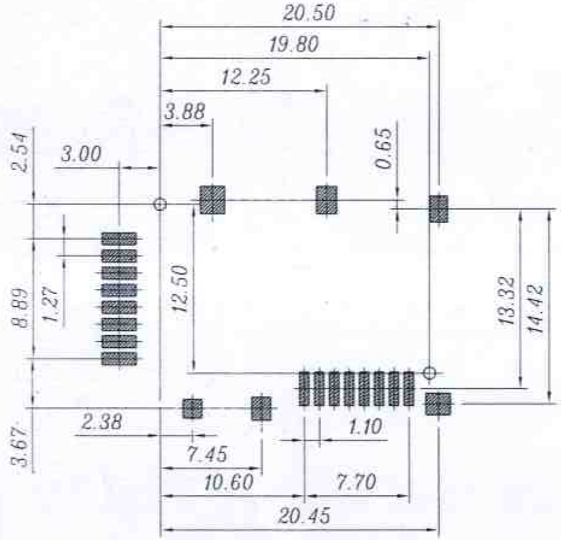
EXTRACT PROCESS:Ⓐ→Ⓑ→Ⓒ→Ⓗ

SECTION A-A
SCALE 1:1

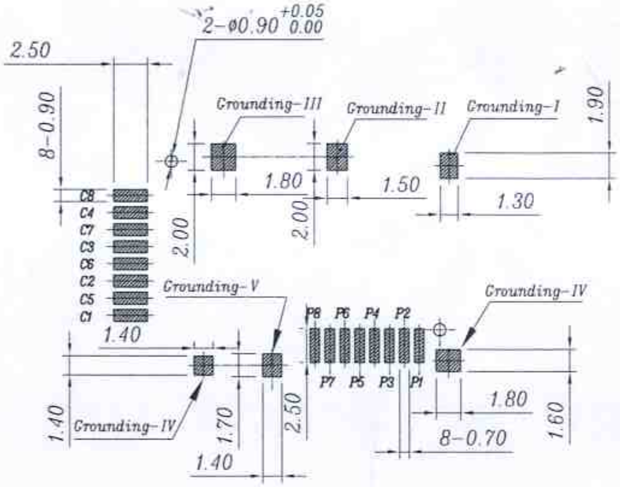
SECTION B-B
SCALE 1:1

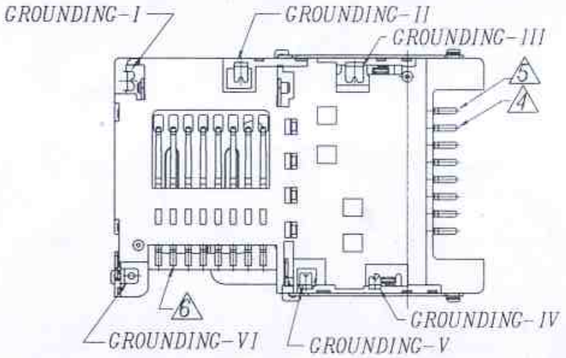
GENERAL	TOLERANCE	FILE.NO.	10100492	PART.NO.	10100492**	DRAWN	lily li	MATERIAL		SCALE	2:1
X ±0.50	x. °± 5°	REV.	E	TITLE	SIM+MICRO SD CONN.	CHECKED	Jane	DATE	2009/06/04	UNIT	mm
X±0.38	.x °± 2°	SIZE		SHEET	1/2	APPROVED	Henry	Amphenol Shouhmin Industry			
XX±0.25	.xx± 1°	A4									

REV.	ECN.NO.	MODIFY.CONTENT	DATE
E	ES.D0906.017	add post length	2009/06/04



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





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**

-04: Contact area 3u",other area gold flash
-05: Contact area 5u",other area gold flash
-06: Contact area 10u",other area gold flash
-07: Contact area 15u",other area gold flash
-08: Contact area 30u",other area gold flash
-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

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.

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	lily li	MATERIAL		SCALE	2:1
X.±0.50	x.°± 5°	REV.	E	TITLE	SIM+MICRO SD CONN.	CHECKED	Jane	DATE	2009/06/04	UNIT	mm
.X±0.38	.x°± 2°	SIZE									
.XX±0.25	.xx± 1°	A4		SHEET	2/2	APPROVED	Henry	Amphenol Shouhmin Industry			