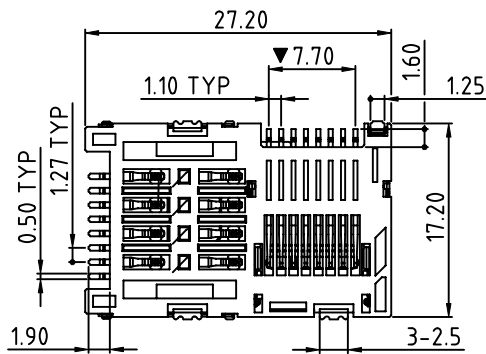
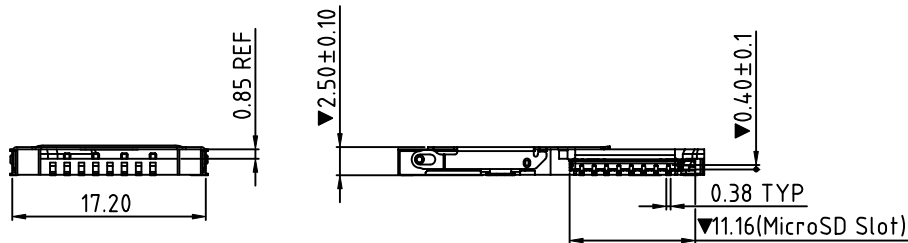
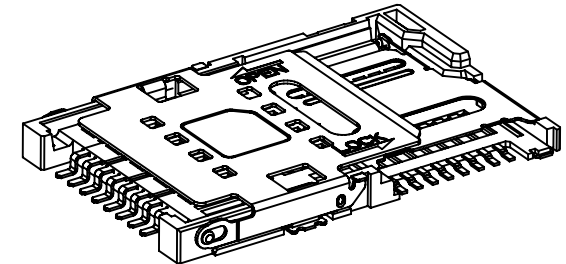


SECTION A-A



SECTION B-B



**MECHANICAL**

INSULATOR: HIGH TEMPERATURE THERMOPLASTIC, UL94 V-0 RATED.  
 COLOR OF INSULATOR: BLACK  
 CONTACT: COPPER ALLOY  
 CONTACT FINISH: GOLD ON MATING AREA; FLASH GOLD ON SOLDER TAILS;  
 ALL OVER 50μ" NICKEL UNDER-PLATED.  
 SHELL: STAINLESS STEEL  
 GROUND PAD: COPPER ALLOY  
 GROUND PAD: GOLD OVER NICKEL UNDER-PLATED  
 DURABILITY: 3,000 CYCLES MINIMUM

**ELECTRICAL**

CONTACT RESISTANCE: 100 MILLIOHMS MAXIMUM  
 INSULATION RESISTANCE: 1000M OHM MINIMUM AT 500 VDC.  
 DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/RMS FOR ONE MINUTE  
 CURRENT RATING: 0.5A MAXIMUM

**ENVIRONMENT**

OPERATING TEMPERATURE: -25°C TO +85°C  
 MOISTURE SENSITIVITY LEVEL: 5 (48 HOURS FLOOR LIFE).

**RoHS Compliant**

TOLERANCES ARE

**MORETHANALL**  
 PCB CONNECTORS  
 Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

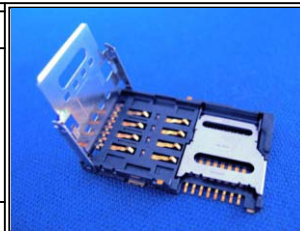
SCALE 1 : 1

DATE

SIZE A4

PPOJECTION

X, ±  
 .X ±  
 .XX ±  
 .XXX ±  
 ANG ±



**ORDER INFORMATION**

**SCTF-W16EH2-0808-LF**  
 SERIES | HING 2 | LEADFREE  
 8 PIN TO 8 PIN  
 16.8mm EAR TO EAR  
 90°SMT

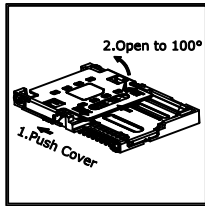
DESCRIPTION: SIM+MICRO SD COMBO 2 IN 1 HINGE TYPE,H=2.5mm

煜倫股份有限公司

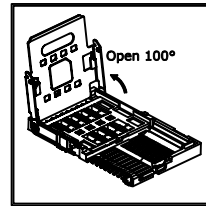
www.morethanall.com

# APPLICATION INSTRUCTION

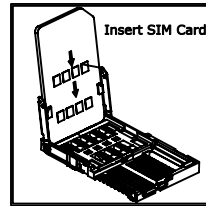
## A. Insert the SIM Card.



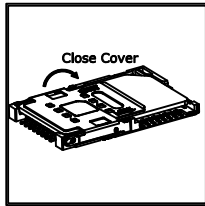
Step 1:Open SIM Metal-Cover



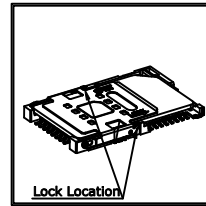
Step 2:Open SIM Metal-Cover to 100°



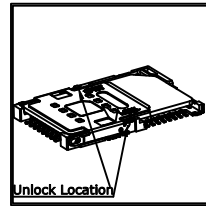
Step 3:Insert SIM Card to the Metal-Cover



Step 4:Close the SIM Metal-Cover



Step 5:Lock SIM Metal-Cover



Step 6:Unlock SIM Metal-Cover

### MECHANICAL

INSULATOR: HIGH TEMPERATURE THERMOPLASTIC, UL94 V-0 RATED.

COLOR OF INSULATOR: BLACK

CONTACT: COPPER ALLOY

CONTACT FINISH: GOLD ON MATING AREA; FLASH GOLD ON SOLDER TAILS;  
ALL OVER 50u" NICKEL UNDER-PLATED.

SHELL: STAINLESS STEEL

GROUND PAD: COPPER ALLOY

GROUND PAD: GOLD OVER NICKEL UNDER-PLATED

DURABILITY: 3,000 CYCLES MINIMUM

### ELECTRICAL

CONTACT RESISTANCE: 100 MILLIOHMS MAXIMUM

INSULATION RESISTANCE: 1000M OHM MINIMUM AT 500 VDC.

DIELECTRIC WITHSTANDING VOLTAGE: 500 VAC/RMS FOR ONE MINUTE

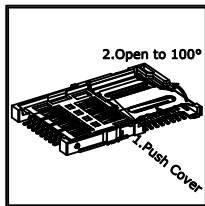
CURRENT RATING: 0.5A MAXIMUM

### ENVIRONMENT

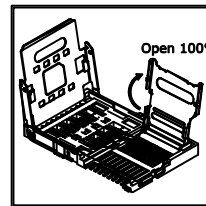
OPERATING TEMPERATURE: -25°C TO +85°C

MOISTURE SENSITIVITY LEVEL: 5 (48 HOURS FLOOR LIFE).

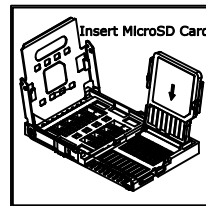
## B. Insert the MicroSD Card.



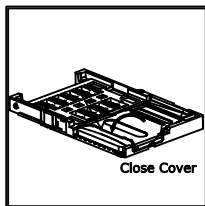
Step 1:Open MicroSD Metal-Cover



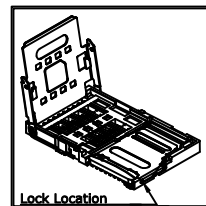
Step 2:Open MicroSD Metal-Cover to 100°



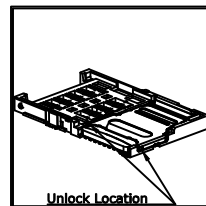
Step 3:Insert MicroSD Card to the Metal-Cover



Step 4:Close the MicroSD Metal-Cover



Step 5:Lock MicroSD Metal-Cover



Step 6:Unlock MicroSD Metal-Cover

ITEM	PART NAME	FINISH	Q'TY
1	HOUSING		1
2	SIM-SHELL		1
3	TERMINAL		8+8
4	MICROSD-SHELL		1
5	GROUND PAD		4

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

CHECKED BY GENIUS

UNIT / mm

SCALE 1 : 1

DATE

SIZE A4

X, ±

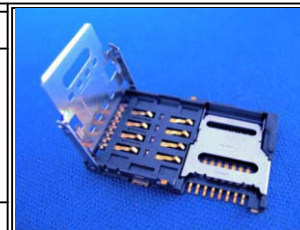
.X ±

.XX ±

.XXX ±

ANG ±

PPOJECTION



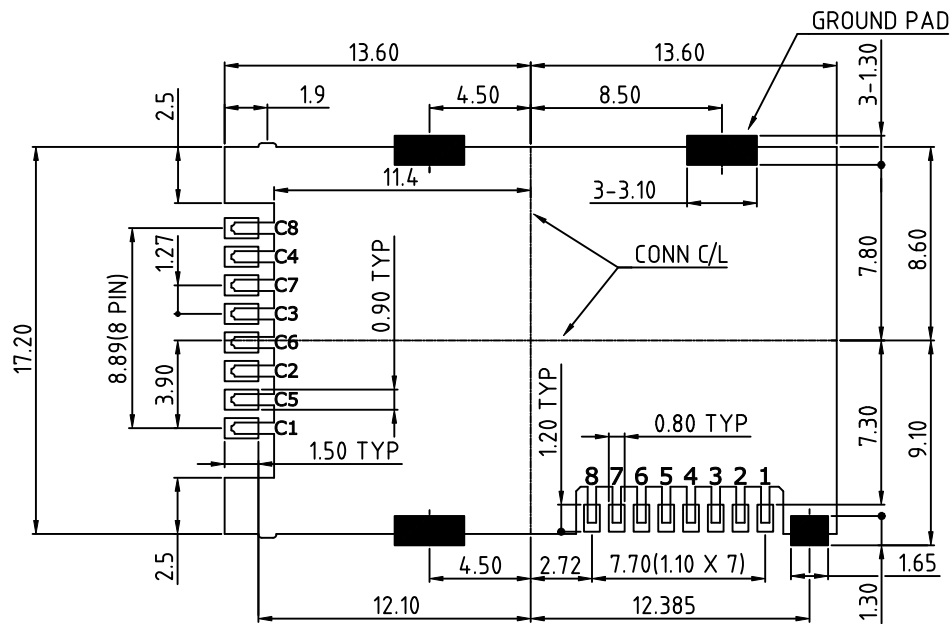
ORDER INFORMATION

**SCTF-W16EH2-0808-LF**  
SERIES | HING 2 | LEADFREE  
8 PIN TO 8 PIN  
16.8mm EAR TO EAR  
90°SMT

煜倫股份有限公司

www.morethanall.com

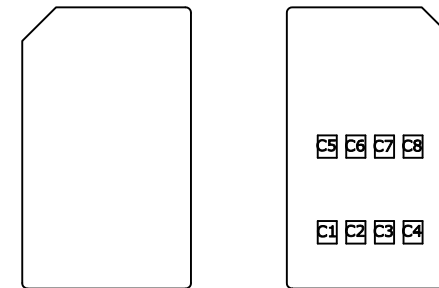
DESCRIPTION:



RECOMMEND PCB LAYOUT

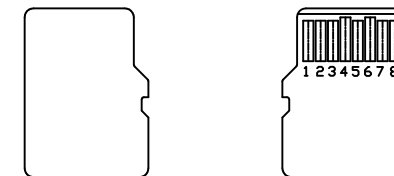
### SIM CARD

TOP SIDE      BACK SIDE



### Micro SD CARD

TOP SIDE      BACK SIDE



Micro-SD CARD				SIM CARD	
PI N NO	NAME	TYPE	DESCRIPTION	PIN NO.	NAME
1	DAT2	I/O/PP	DATA LINE (Bit2)	C1	VCC
2	CD/DAT3	I/O/PP	CARD DETECT DATA LINE (Bit3)	C2	RST
3	CMD	PP	COMMAND RESPONSE	C3	CLK
4	VDD	S	SUPPLY VOLTAGE	C4	Reserved
5	CLK	I	CLOCK	C5	GND
6	VSS	S	SUPPLY VOLTAGE GROUND	C6	VPP
7	DAT0	I/O/PP	DATA LINE (Bit0)	C7	I/O
8	DAT1	I/O/PP	DATA LINE (Bit1)	C8	Reserved

RoHS Compliant

TOLERANCES ARE

**MORETHANALL**  
PCB CONNECTORS  
Cable ASSEMBLIES

DRAWING BY CY

X.±

CHECKED BY GENIUS

.X±

UNIT / mm

SCALE 1 : 1

.XX±

DATE

.XXX±

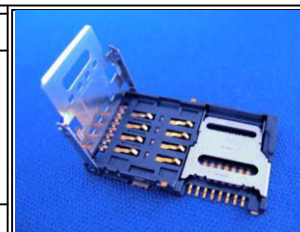
ANG ±

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www.morethanall.com

SIZE A4

PJECTION



ORDER INFORMATION

**SCTF-W16EH2-0808-LF**  
SERIES | HING 2 | LEADFREE  
16.8mm EAR TO EAR  
90°SMT

DESCRIPTION: