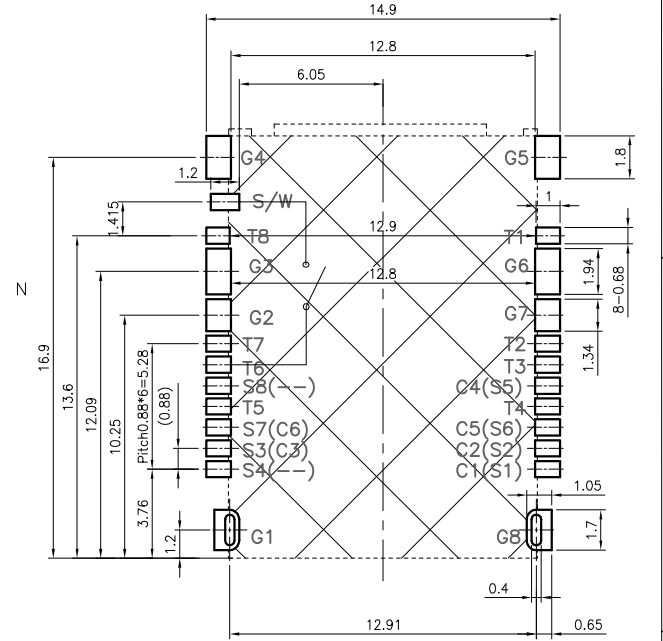
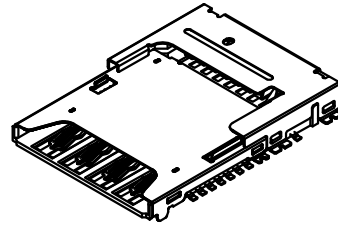
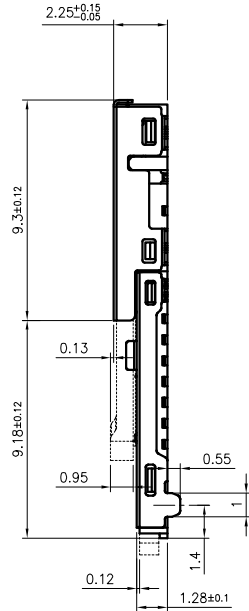
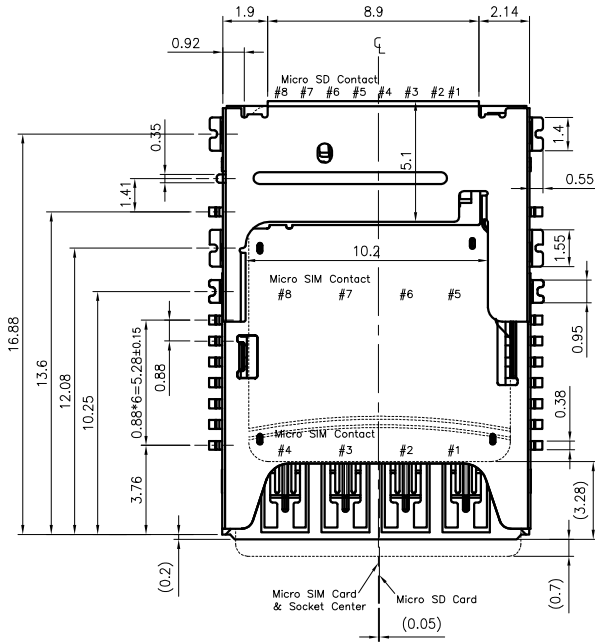




NO PATTERN AREA
ALL SOCKET SPACES(HATCHING AREA)
WITHOUT SOLDER PATTERN

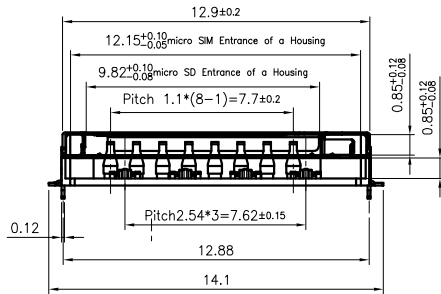
REV.	ECN NO OR DESCRIPTION	REVISED	DATE



Recommended PCB Layout
(General tolerance:±0.05)

(CIRCUIT DIAGRAM FOR DETECTION SWITCH OF MICRO SD CARD)

CARD INSERTION CONDITION	CARD DETECT SWITCH	MicroSD #6PIN	SWITCH TERMINAL
WITHOUT CARD	OPEN		
CARD INSERTION	CLOSE		



Specification
*Electrical Characteristics:
Contact Current Rating:0.5 Amperes.
Dielectric Withstanding Voltage:AC500V r.m.s.
Insulation Resistance:500 MΩ Minimum.
Contact Resistance: 30 mΩ Maximum.
*Environmental:
Operating Temperature:-30 °C~+ 85 °C.

SIM Card Pin Assignments

8P	6P	DESCRIPTION
S1	C1	Vcc
S2	C2	RST
S3	C3	CLK
S4	--	Reserved
S5	C4	GND
S6	C5	Vpp
S7	C6	I/O
S8	--	Reserved
G1~G8	GND	

【micro SD Card Pin Assignments】

PIN NO.	NAME	TYPE	DESCRIPTION
T1	DAT 2	I/O/PP	DATE LINE(BIT 2)
T2	CD/DAT 3	I/O/PP	CARD DETECT DATE LINE(BIT3)
T3	CMD	PP	COMMAND TESPONSE
T4	VDD	S	SUPPLY VOLTAGE
T5	CLK	I	CLOCK
T6	VSS	S	
T7	DAT 0	I/O/PP	DATE LINE(BIT 0)
T8	DAT 1	I/O/PP	DATE LINE(BIT 1)

④	CONTACT TERMINAL	16	COPPER ALLOY	Au 1u" PLATING
③	Micro SIM SHELL	1	SUS304-H,T=0.12	AU/Ni PLATING
②	Micro SD SHELL	1	SUS304-H,T=0.12	AU/Ni PLATING
①	HOUSING	1	LCP+GF30%	BLACK
0.	PART NAME	Q'TY	DESCRIPTION	NOTE

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS:
30~以上±0.30
10~30 ±0.20
5~10 ±0.15
~5±0.10

ANGLES:
±2°



东莞市汉博电子科技有限公司
DONGGUAN HANBO TECHNOLOGY CO., LTD

TITLE	Micro SIM+Micro sd DUAL 2IN 1 CARD CONN.		
DWN	xiong	PART NO.	MCS-104
CHKD	lee	SCALE:1:1	UNIT: mm
APVD	wang	SIZE: A4	SHEET:10F 1
			REV: A4

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