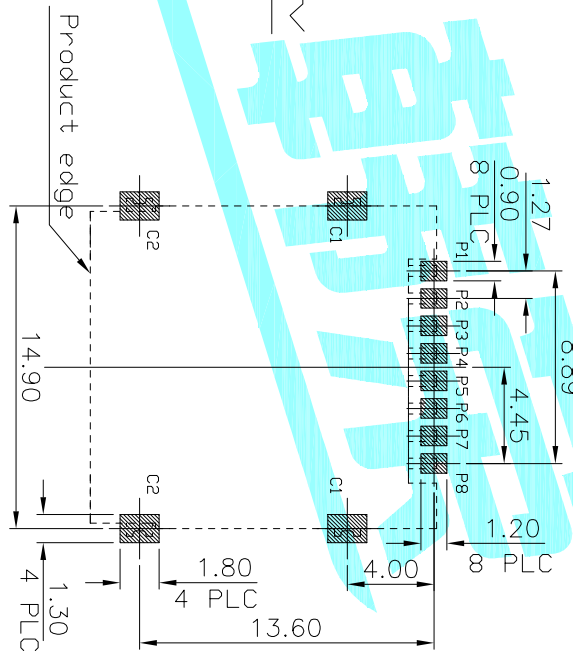


**NOTES:**  
 1) MATERIAL: LCP E1301 UL 94V-0  
 HOUSING: C3210R-HI 1=0.15mm  
 CONTACT: SUS201-HI 1=0.20mm  
 SHELL: SUS201-HI 1=0.20mm  
 2) FINISH :  
 CONTACT: GOLD FLASH PLATED ON CONTACT AREA 1μm Min ;  
 GOLD FLASH PLATING ON SOLDER TAILS 1μm Min ;  
 WITH ENTIRE CONTACT UNDERPLATED NICKEL 500nm Min  
 SHELL: NICKEL UNDERPLATED OVERALL 500nm Min,  
 3) MECHANICAL CHARACTERISTICS  
 CONTACT RETENTION: 50gf/pin Min  
 MATING CYCLE: 3000 CYCLES  
 4) ELECTRICAL CHARACTERISTICS  
 RATING CURRENT: 1A  
 RATING VOLTAGE: 30V  
 CONTACT RESISTANCE: 30 MILLIOMHS OHMS MAX  
 INSULATION RESISTANCE:  
 a. UNMATED: 1000 OHMS MIN  
 b. MATED: 100 OHMS MIN  
 DIELECTRIC WITHSTANDING VOLTAGE:  
 500V AC/1MINUTE  
 OPERATING TEMPERATURE: -25° C--+70° C  
 STORAGE TEMPERATURE: -10° C--+40° C



RECOMMENDED PCB LAYOUT(TOP VIEW)  
 GENERAL TOLERANCES:±0.05

ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK
①	Housing	---	1	LCP	Black	
②	Terminal	---	6	Phosphor Bronze	Ni Plated	
③	Shell	---	1	SUS	Ni Plated	
④	Spring	---	1	SUS	Ni Plated	
⑤	Clasp	---	1	SUS	Ni Plated	
⑥	Sliding Block	---	1	LCP	Black	

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
	A		NEW			

CHECKED	DATE	TITLE:
JKUN,LU	2018/8/1	ELECTRONICS CO.,LTD

APPROVALS	PART NO.	SCALE:	PROJ:
	SIM-10A	1:1	

TOLERANCES ARE	ANGLE	UNIT:	DRAWING NO.	SHEET
30~Ø以上 ±0.30 10~30 ±0.25 5~10 ±0.20 ~5 ±0.15	±2°	mm		1 OF 1