



卡托插入，锁卡弹片高出上表面0.15MAX

CONTACT HEIGHT 大弹高
0.50 ± 0.06

小弹高
0.35 ± 0.05

RECOMMENDED PCB LAYOUT (TOLERANCE: ± 0.05)

PATTERNS Soldering Pad Area
 PATTERNS KEEP OUT AREA:
 1.Touch area of contact tips, No electrical function and only for mechanical function
 2. Don't brush Tin pasted on the area during SMT process.

- NOTES:
- ELECTRICAL REQUIREMENTS:
 - CURRENT RATING: 0.5A PER PIN.
 - CONTACT RESISTANCE: 50 mOhm MAX.
 - INSULATION RESISTANCE: 1000 MOhm MIN. 200. VDC FOR 1 MINUTE.
 - WITHSTANDING STRENGTH: 500V AC FOR 1 MINUTE.
 - MECHANICAL REQUIREMENTS: DURABILITY: 5,000 CYCLES MIN.
 - ENVIRONMENT REQUIREMENTS:
 - OPERATING TEMP.: -30° C TO +85° C
 - STORAGE TEMPERATURE: -40° C TO +85° C
 - RECOMMENDED PROCESS DONDITION:

IR-REFLOW, PEAK TEMPERATURE AND TIME: 250° C, 5~10 S.
 - SPRING EJECT FORCE: 4N Min.
 - GP PASSED ACCORD WITH HRD-RoHS-219 STANDARD.
 - ALL DIMENSIONS MARKED ▼ MUST BE CONTROLLED
 - ALL DIMENSIONS MARKED ⊗ MUST BE CONTROLLED BY QC.
 - PART NO. S189-1B07 X 13A-1

F: Plating G/F at contact area;
 B: Plating 10u" Min. at contact area;
 C: Plating 15u" Min. at contact area;
 D: Plating 30u" Min. at contact area;

Connector Pin Assignment		6	SPRING	STAINLESS	2	NO PLATING;
PIIN/NO.	ASSIGNMENT	5	CAM FOLLOWER	STAINLESS	2	NO PLATING;
C1	Vcc (SUPPLY VOLTAGE)	4	I/M SLIDER	PA	1	NO PLATING; BLACK COLOR
C2	RST (RESET SIGNAL)	3	SHELL	STAINLESS	1	Plating Ni 10~50u" over all SOLDER AREA Plating Au 3u" Min
C3	CLK (CLOCK SIGNAL)	2	I/M HSG	LCP	1	BLACK COLOR, UL94 V-0
S/W	DETECT SWITCH	1	CONTACT	COPPER ALLOY	1	Plating 50u"~200u" Ni over all, Plating GF/15/30u" Min. Au at contact area; Plating 3u" Min. Au at solder area;
C5	GND	ITEM	PART NAME	MATERIAL	Q' TY	DISCRIPTION
C6	Vpp (VARIABLE SUPPLY BOLTAGE)					
C7	I/O (DATA INPUT/OUTPUT)					

				UNITS: mm	GENERAL TOLERANCE		DRAW:	PART NO: S189-1B07D13A-1
				DATE: 06/22/2019	X. ±0.20	X' ±2.00'	CHECKED:	TITLE: PUSH-PUSH TYPE
				SCALE: 4/1	.XX ±0.10	.XX' ±0.50'	APPROVE:	1.3H TRAY TYPE NANO SIM CARD DRAWING NO:
				SHEET: 1/1	MATERIAL:			
REV.	ECN NO.	DESCRIPTION	DATE	REV. D	FINISH: SEE NOTE			

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