

SCALE 8:1

SPECIFICATION:

1. Electrical characteristics

- 1.1 Contact current rating: 0.5A Max.
- 1.2 Contact resistance: 100 milli-Ohm Max.
- 1.3 Insulation resistance: 250V DC or 300V AC for no less than 1 minute, 1000 Megohms MIN.
- 1.4 Dielectric Strength: Apply 500V AC for 1 minute between adjacent terminals and ground.

2. Mechanical characteristics

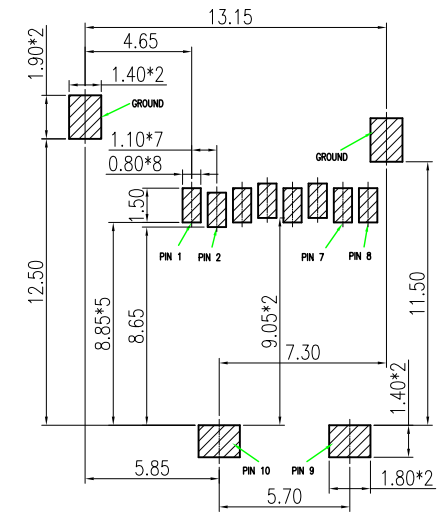
- 2.1 Mating durability: 10000 cycles.
- 2.2 Insertion force: 2.0Kgf Max.
- 2.3 Extraction force: 0.5Kgf Min.

3. Environmental characteristics

- 3.1 Operation temperature range: -25°C to +85°C

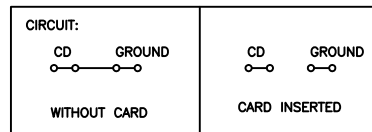
4. MATERIAL:

Insulator: LCP, rated UL94V-0, color: black.
 Contacts: Phosphor Bronze, Tin 160u" at Solder Tail, Selected Gold on Contact Area Plating.
 Shell: Stainless.
 GOLD FLASH ON SOLDER AREA, OVER NICKEL PLATED (50u"MIN)
 spring: SWP-B
 HOOK: Stainless



RECOMMENDED PCB LAYOUT
(ALL TOLERANCE ARE ±0.05)

Pin No.	MICRO SD	
PIN1	DAT2	1P
PIN2	CD/DAT3	2P
PIN3	CMD	3P
PIN4	VDD	4P
PIN5	CLK	5P
PIN6	VSS	6P
PIN7	DAT0	7P
PIN8	DAT1	8P
PIN9	CARD DETECT	
PIN10	CARD DETECT	



CUSTOMER DRAWING				一般公差 GENERAL TOLERANCE		NINGBO KLS ELECTRONIC CO.,LTD					
				.X	±0.50	制图 (DR): Kevin 03/17/15		品名 (TITLE): T-FLASH CARD (自弹内焊型)			
				.XX	±0.38	审核 (CHKD):		料号 (PART NO): L-KLS1-TF-001			
				.XXX	±0.25	核准 (APPD):		比例 (SCALE): 10:1	单位 (UNITS): mm	张数 (SHEET): 1 OF 1	图幅 (SIZE): A4
				ANGLES	±5°						
修订 REV	修改摘要 REVISION DESCRIPTION			签名 SIGNATURE	日期 DATE						