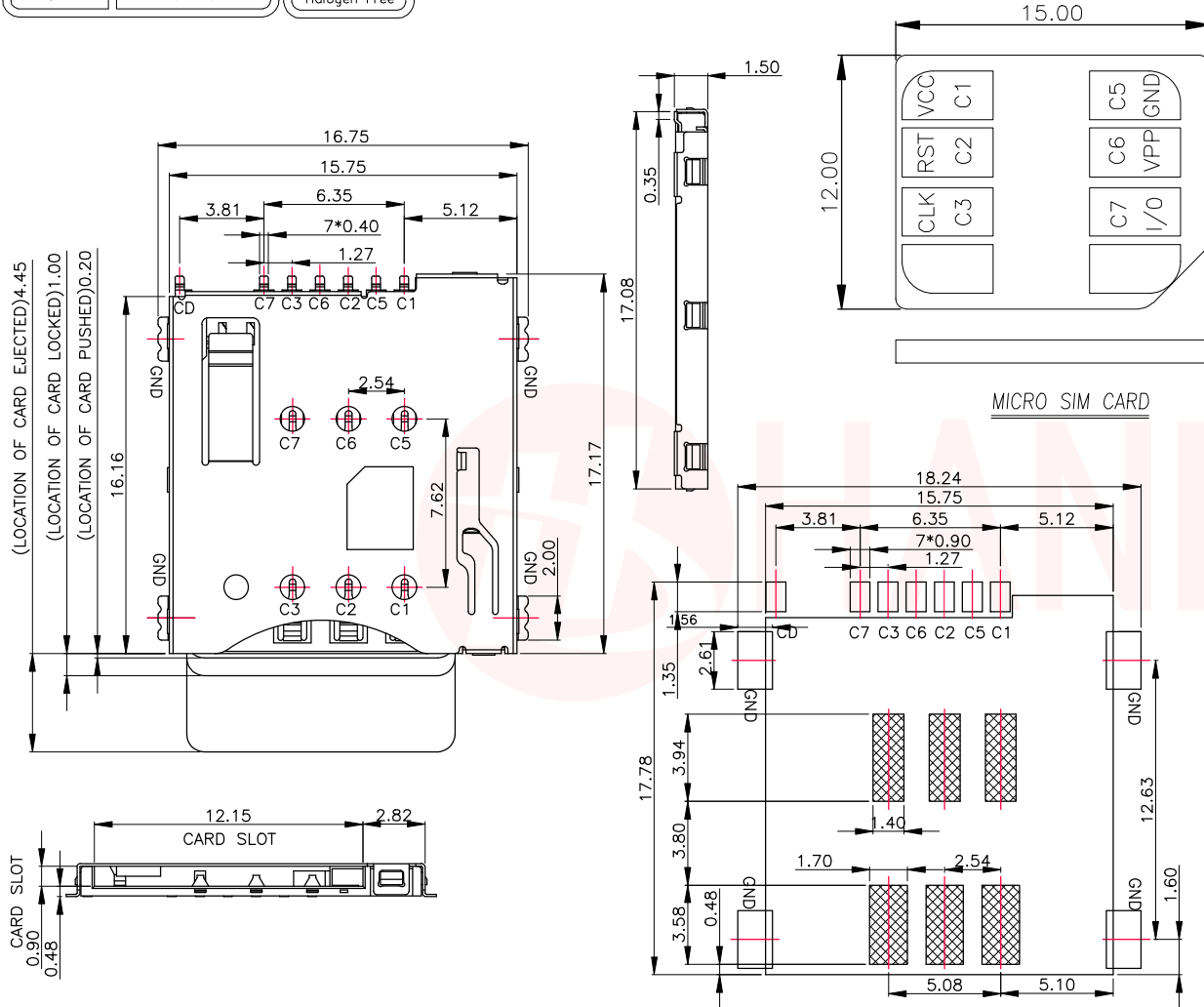




REV.	ECN NO OR DESCRIPTION	REVISED	DATE



**TECHNICAL CHARACTERISTICS**

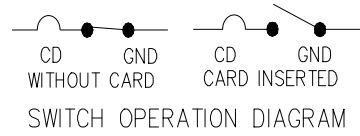
- General Characteristics
  - Dimensions: 15.75LX17.17WX1.50H mm
  - Weight: Approx 0.4±0.1g
  - Durability: 1500 cycles min.
- Electrical Characteristics
  - Contact resistance;
  - Date Contact: 150mΩ max
  - CD Switch: 500mΩ max
  - Insulation resistance: >1000MΩ/500V DC
- Solderability
  - Vapor phase: 215°C, 30sec. Max
  - IR reflow: 250°C, 5sec. Max
  - Manual soldering: 370°C, 3sec. Max
- Environmental Characteristics
  - Operating temperature: -40°C~+85°C
  - Operating humidity: 10%~+95%RH

Connector Pin Assignment

Pin Name	Description
C1	Vcc of SIM
C2	RST of SIM
C3	CLK of SIM
C5	GND of SIM
C6	Vpp of SIM
C7	I/O of SIM
SW	Detection Switch

RECOMMENDED PCB LAYOUT  
GENERAL TOLERANCE ±0.05

ELECTRIC FUNCTION	DETECT SWITCH
WITHOUT CARD	CLOSED
CARD INSERTED	OPEN



ITEM	PART NAME	Q'TY	MATERIAL	FINISH
1	HOUSING	1	Hi-temp Thermoplastic	Black UL94V-0
2	DATA CONTACT	6	Copper Alloy	Contact area:Gold plated
3	CD SWITCH	1	Copper Alloy	Contact area:Gold plated
4	SHELL	1	Stainless Steel	SMT area:Gold plated
5	COIL SPRING	1	SWP	
6	HEART CAM	1	Hi-temp Thermoplastic	Black UL94V-0
7	CAM PIN	1	Stainless Steel	

UNLESS OTHERWISE SPECIFIED TOLERANCES



DECIMALS:	ANGLES:	TITLE	7Pin H1.5 push push micro sim card conn.		
X :±0.30	X :±2°	DWN	xiong	PART NO. SMO-1560-P7	
X.X :±0.20	X.X :±1°	CHKD	lee	SCALE:1:1	UNIT: mm
X.XX :±0.10		APVD	wang	SIZE: A4	SHEET:10F 1
CUSTOMER COPY					

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