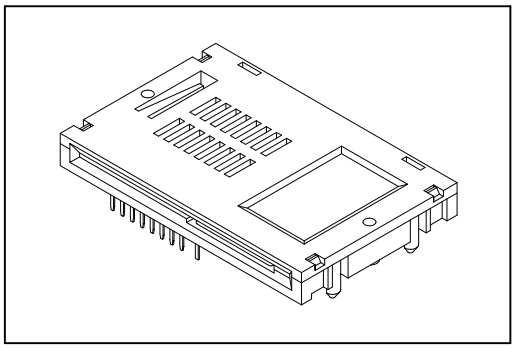
9003 Series
Smart Card Connector

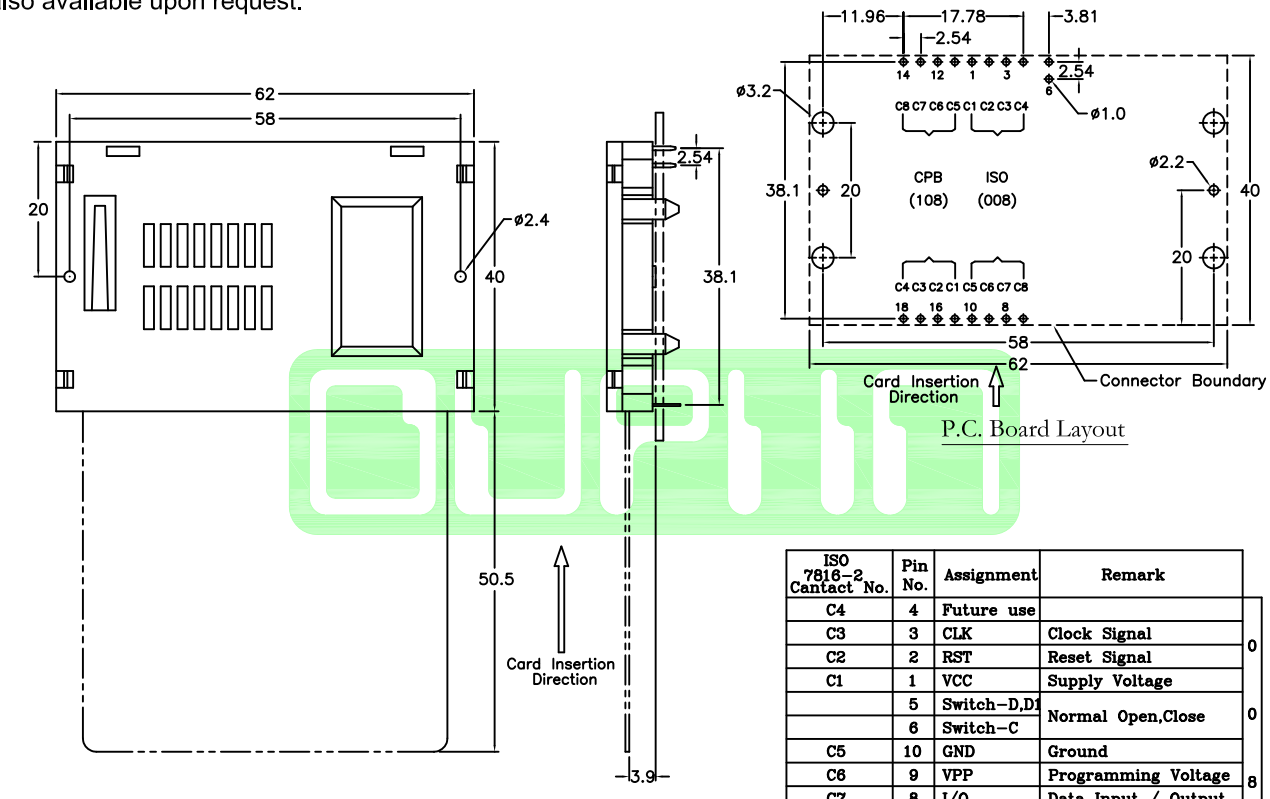


Material:
Housing: 30% Glass Filled PBT UL94V-0.
Contacts: Phosphor Bronze.

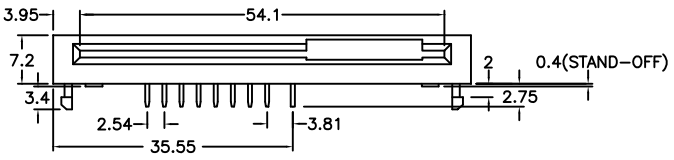
Electrical Characteristics:
Current Rating: 1.0 A.
Dielectric Withstanding Voltage: AC 1000V.
Insulator Resistance: 1000MΩ min.
Contact Resistance: 100mΩ max.
Operating Temperature: -40°C~+60°C.

Mechanical Characteristics:
Card Insertion Force: ≦5N.(511g)
Card Withdrawal Force: ≧1N.(102g)

Features:
* Smart card connector.
* 8,16pin, card thickness 0.7~0.8mm.
* Position: According to ISO 7816-2 CPB system also available upon request.



P.C. Board Layout



ISO 7816-2 Cantact No.	Pin No.	Assignment	Remark	
C4	4	Future use		
C3	3	CLK	Clock Signal	0
C2	2	RST	Reset Signal	
C1	1	VCC	Supply Voltage	
	5	Switch-D,D1	Normal Open,Close	0
	6	Switch-C		
C5	10	GND	Ground	
C6	9	VPP	Programming Voltage	8
C7	8	I/O	Data Input / Output	
C8	7	Future use		

ISO 7816-2 Cantact No.	Pin No.	Assignment	Remark	
	5	Switch-D,D1	Normal Open,Close	1
	6	Switch-C		
C5	11	GND	Ground	
C6	12	VPP	Programming Voltage	
C7	13	I/O	Data Input / Output	0
C8	14	Future use		
C1	15	VCC	Supply Voltage	
C2	16	RST	Reset Signal	8
C3	17	CLK	Clock Signal	
C4	18	Future use		

Ordering information

9003-	A	08	C	00	T	1	A
Series	A: Style	No. of Pin Count	C: Selective Gold Plated	00: G/F	T: Through hole Version	1: Close Type 2: Open Type	A: Tray Package