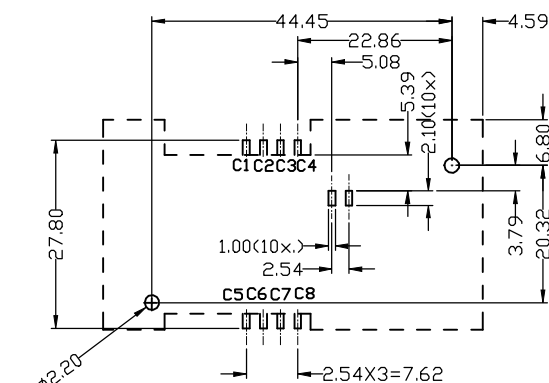
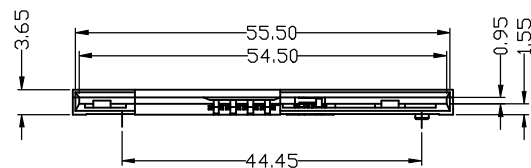
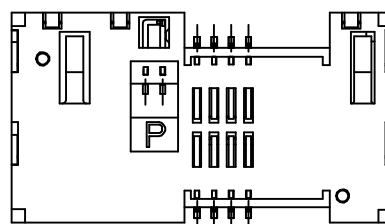
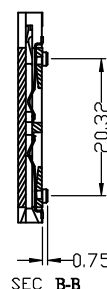
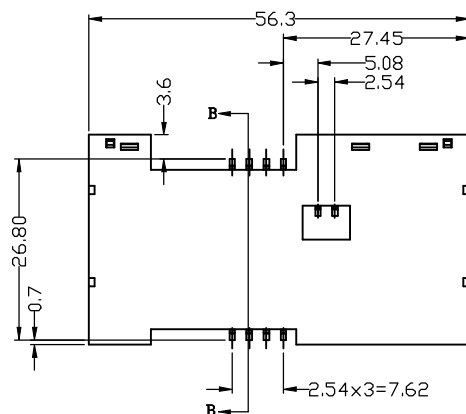
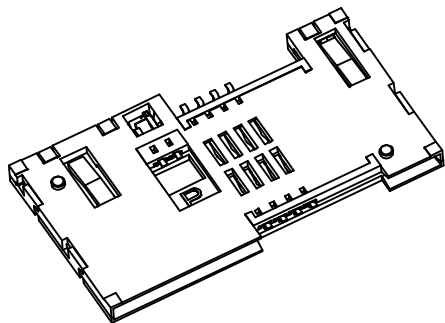




Reference P.C.B. Layout(Tolerance:±0.10mm)

Specifications :

1. General Information
 - . Contact Principle : Friction Technology
 - . Mounting Type : SMT
 - . Switch : Blade Contact, Normal Open
 - ①. Durability : Insert And Withdraw Card For 50,000 Cycles
At Maximum Rate Of 600 Cycles Per Hours
 - . Material :
 - . Terminal of Switch : Copper Alloy
 - . Detect Pin of Switch : Copper Alloy
 - . Data Contact : Copper Alloy
 - . Insulator : Thermoplastic, UL94V-0
 - . Rating Voltage : 30V AC
 - . Current Rating : 1A Max. 10uA Min.
 - . Plating :
 - . Gold Plated On Contact Area
 - . Matte Tin Plated On Soldering Tail
2. Electrical Specification
 - . Contact Resistance : 50m Ohms Max.
 - . Insulator Resistance : 1000M Ohms Min.
 - . Dielectrical Withstanding Voltage : 500V AC R.M.S.Min. (Sea Level)
3. Mechanical Specification
 - . Card Insertion Force : 15N Max.
 - . Card Withdrawal Force : 1N Min.
 - ①. Normal Contact Force : 0.2N~0.6N
 - . Contact Retention Force : 0.3kgf Min.
4. Environmental Specification
 - . Operating Temperature : -20°C~+70°C
 - . Operating Humidity : 20%~95% RH
 - . Solderability:
 - 1) Vapor Phase : 215°C 30 Sec. Max.
 - 2) IR Re-Flow : 260°C 15 Sec. Max.
 - 3) Manual Soldering : 360°C 3 Sec. Max.
 - . RoHS Compliant

5. Part No. :

Diagram illustrating the pin configuration and corresponding features for the SCG-W08B03-020N2-H connector:

- SC: Smart Card
- G: Friction Sliding Type
- W: SMT Type
- 08: No. Of Position 8Pins
- B: Switch, Normal Open (Blade Type)
- 03: Layout Of Switch, Type 3
- 020N2: Selective Gold (Gold Flash)
- H: RoHS Compliant



CATEGORY Smart Card/Sim Card		APPROVED BY MEI		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE .X ±0.38 .XX ±0.25 ANG. 							
PART No. SCG-W08B03-020N2-H		CHECKED BY CATHY									
DRAWING No. SCG-W08B03-020N2-H		DRAWING BY QXQ				 A1	MARKED  WERE MODIFIED	QXQ	12/16/2010		
SCALE NONE		REV.	A1	UNIT mm	 A0	NEW RELEASE		XSH	05/07/2007		
					NO. REV.	REVISIONS		CHK	DATE		