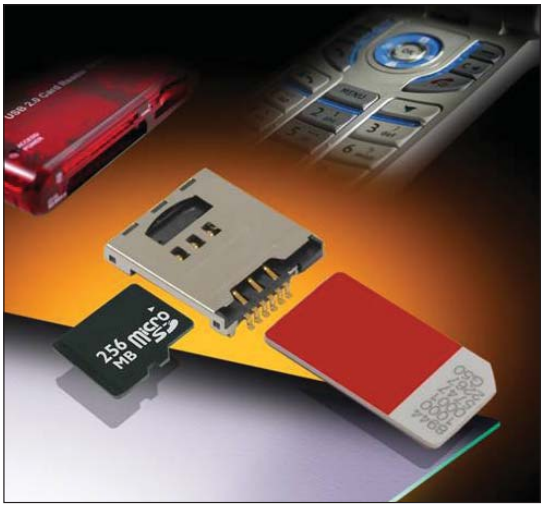
SIM/Micro SD Combination

AVX INTERCONNECT
A KYOCERA GROUP COMPANY



- Six position slide-in SIM connector & Push-Push microSD connector
- Allows two cards to be inserted into the same connector
- Card detect switch on the microSD

APPLICATIONS

- Cellular Phones
- Radios

FEATURES AND BENEFITS

- Space saving connector combination
- Integrates 2 connectors into 1
- Contact Plating: Gold
- Insulator molded from LCP UL94 V-O
- Low profile 1.50mm to SIM
- 2.70mm connector height

ELECTRICAL

- Current Rating: 0.3 Amp / Contact
- Voltage Rating: 15 VAC

ENVIRONMENTAL

- Operating Temperature: -55°C to +70°C

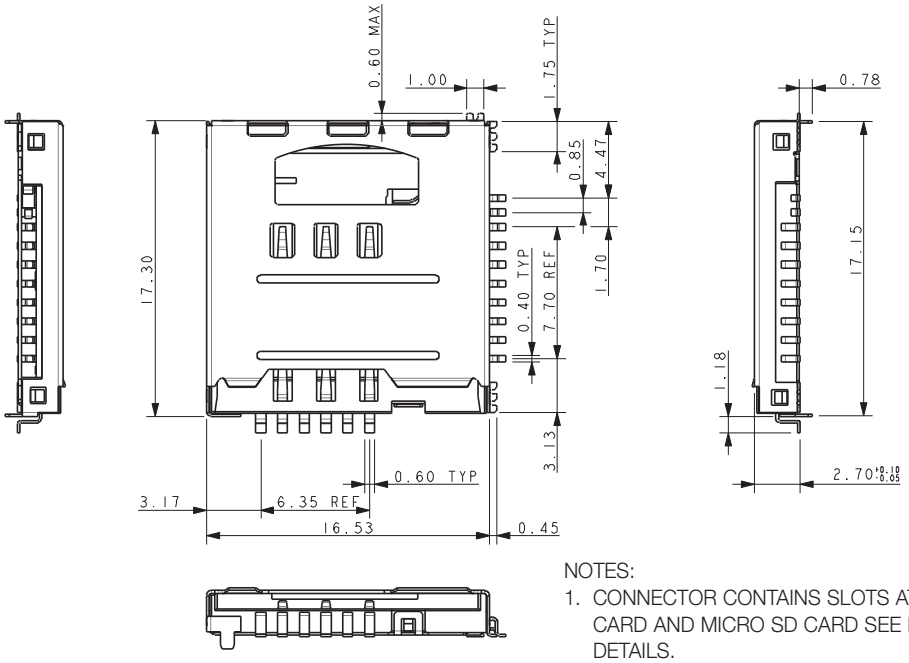
MECHANICAL

- Insulator Material: LCP; UL94 V-O
- Contact Material: Beryllium Copper
- Plating: Gold over Nickel
- Durability: SIM @10,000 Cycles / SD @ 6000 Cycles

HOW TO ORDER

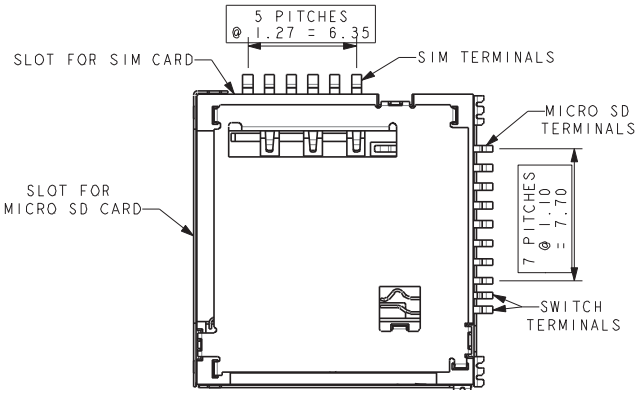
00	9162	006	50	1	150
Prefix	**Series**	**Number of Contacts**	**SIM Type** 50 = SMT with SIM and Micro SD Slots at 90°	**Contact Plating** 1 = Gold Plating over Nickel	**SIM Height** 150 = 1.50mm on SIM Card 2.70mm on Connector

CONNECTOR DETAILS

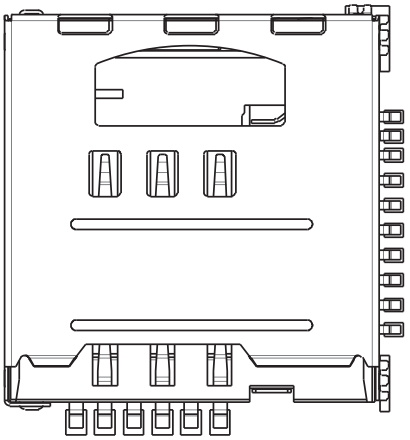


NOTES:

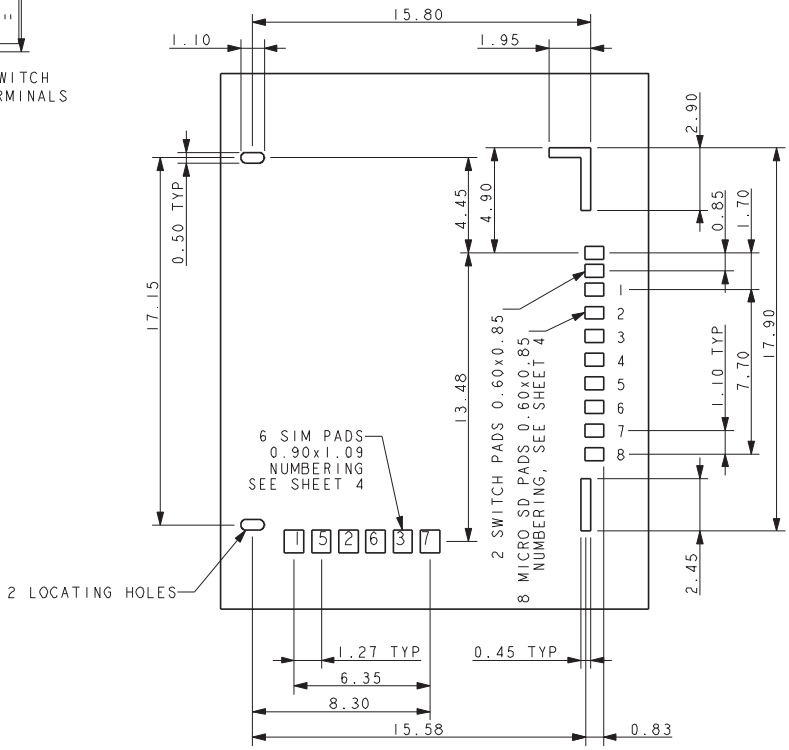
1. CONNECTOR CONTAINS SLOTS AT RIGHT ANGLES FOR A SIM CARD AND MICRO SD CARD SEE PAGE 3 FOR FURTHER DETAILS.
2. 6 WAY SIM CONNECTOR.
3. MICRO SD CONNECTOR HAS SWITCH AND LATCH.
4. DIMENSION SHOWN AE REFERENCE DIMENSIONS.
5. MATERIALS: CONTACTS: GOLD PLATED BERYLLIUM COPPER, INSULATOR: LCP, UL94 V-O, COLOR BLACK. SHELL: NICKEL PLATED STAINLESS STEEL. OTHER PARTS: STAINLESS STEEL.
6. FURTHER DETAILS REFER TO ELCO SPEC 201-01-113.
7. DETAILS FO PIN FUNCTIONS REFER TO PAGE 3.



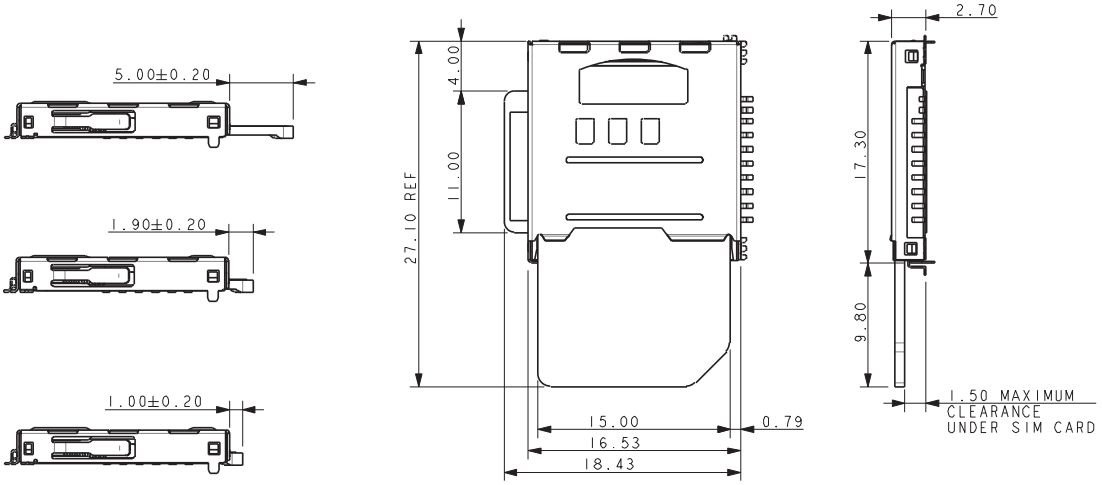
CONNECTOR ON PCB



PCB

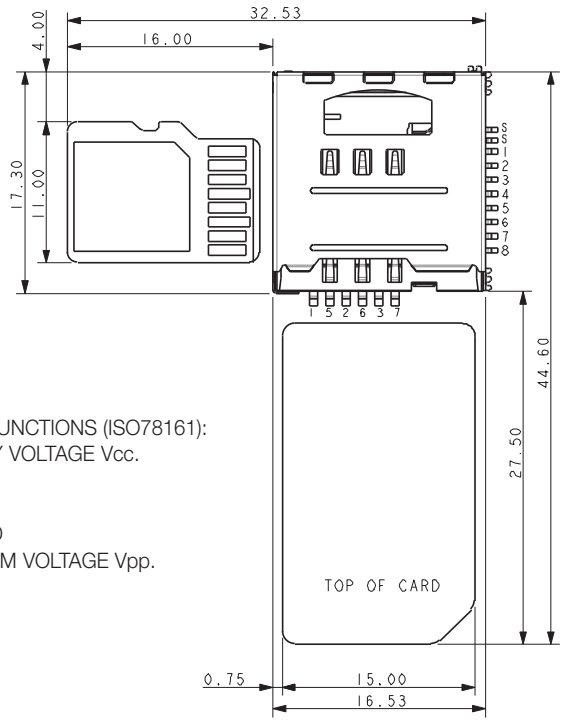


PCB SPACE USED BY CONNECTOR
CARDS FULLY INSERTED



CARDS EXTRACTED

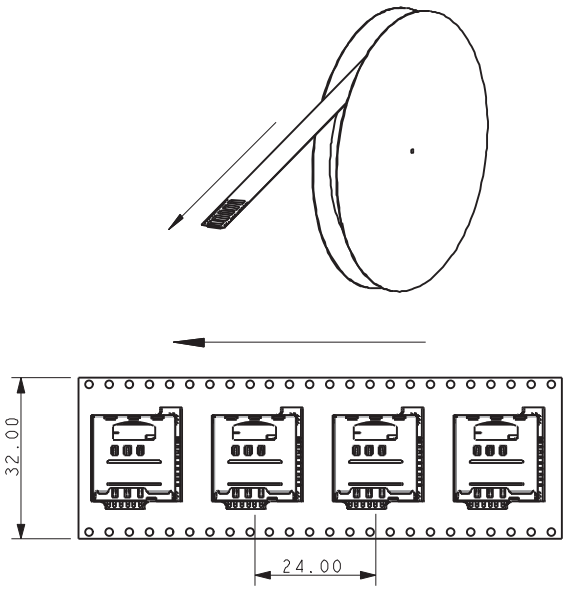
SHOWN FOR REFERENCE ONLY



CONTACT FUNCTIONS (ISO78161):
1. SSUPPLY VOLTAGE Vcc.
2. RESET
3. CLOCK
4. GROUND
5. PROGRAM VOLTAGE Vpp.
6. I/0

MICRO SD FUNCTIONS:
S. SWITCH
S. SWITCH
1. DAT2
2. CD/DAT3
3. CMD
4. Vdd
5. CLOCK
6. Vss
7. DAT0
8. DAT1

PACKING DETAILS



NOTES:
1. PACKING IN TAPE AND REEL, 700 PER REEL.
2. REEL SIZE 330MM DIAMETER.