

SIM/Micro SD Combination

9162-500



- 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

Prefix

9162

Series

006

Number of
Contacts

50

SIM Type
50 = SMT with SIM
and Micro SD
Slots at 90°

1

Contact Plating
1 = Gold Plating over Nickel

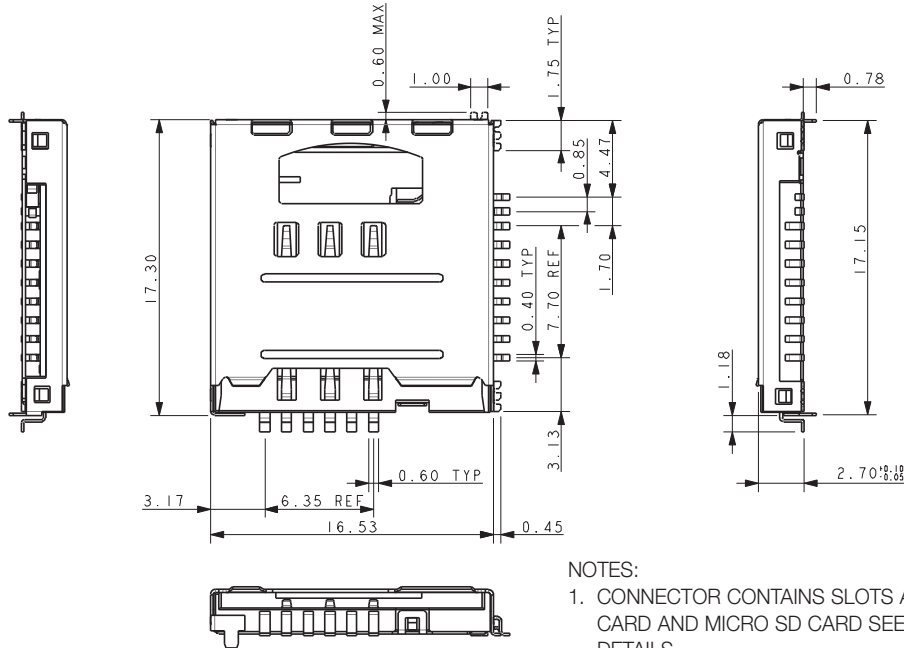
150

SIM Height
150 = 1.50mm on SIM Card
2.70mm on Connector

SIM/Micro SD Combination

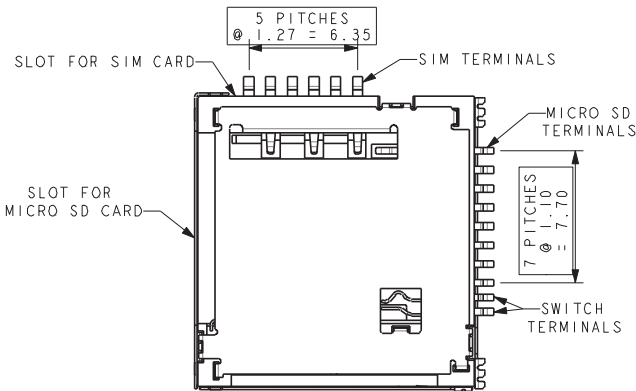
9162-500

CONNECTOR DETAILS

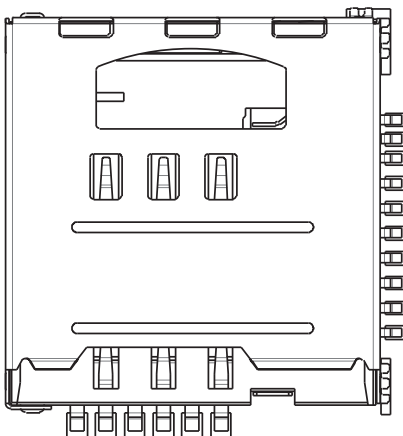


NOTES:

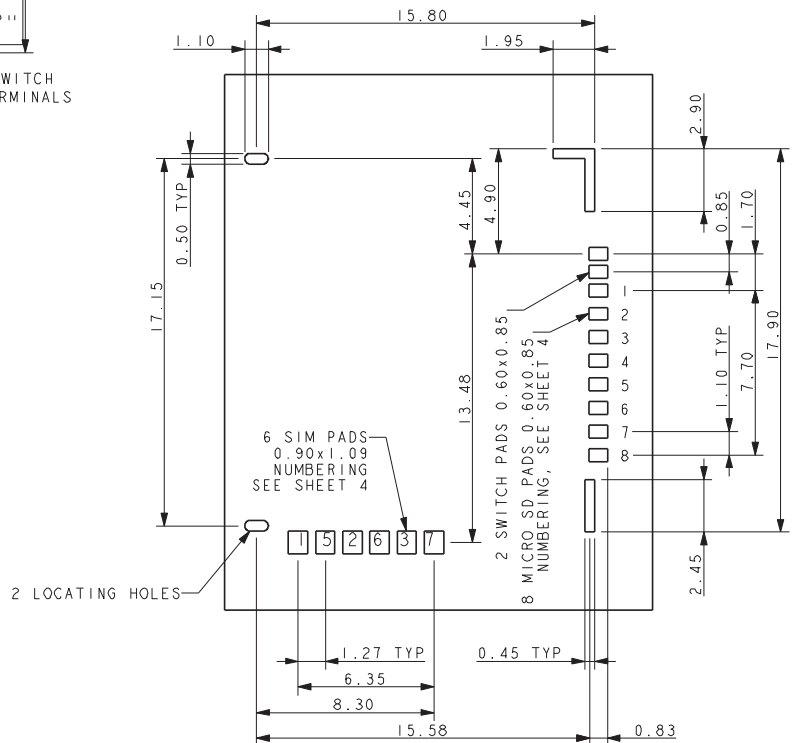
1. CONNECTOR CONTAINS SLOTS AT RIGHT ANGLES FOR A SIM CARD AND MICRO SD CARD SEE PAGE 3 FOR FURTHER DETAILS.
2. 6 WAY SIM CONNECTOR.
3. MICRO SD CONNECTOR HAS SWITCH AND LATCH.
4. DIMENSION SHOWN ARE REFERENCE DIMENSIONS.
5. MATERIALS: CONTACTS: GOLD PLATED BERYLLIUM COPPER, INSULATOR: LCP, UL94 V-O,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



CONNECTOR ON PCB



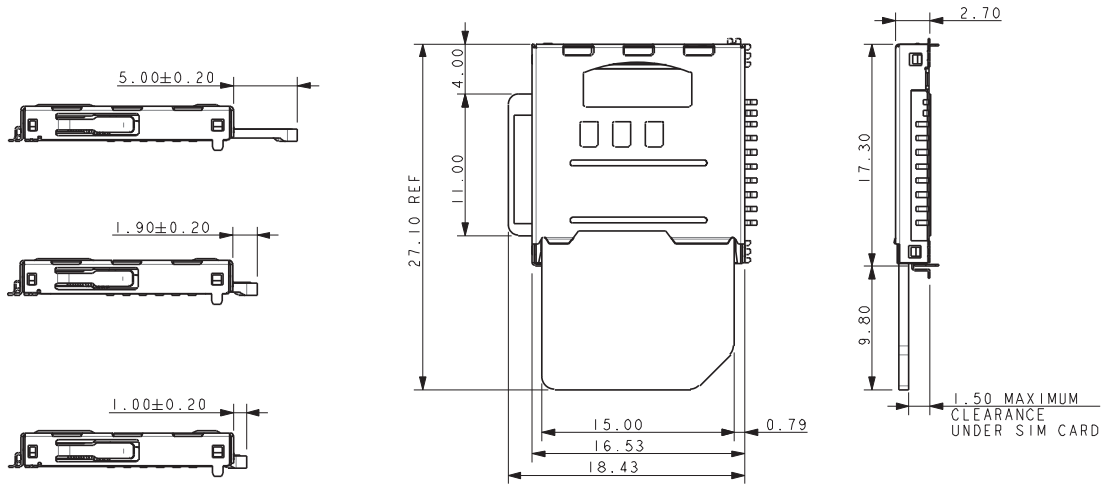
PCB



SIM/Micro SD Combination

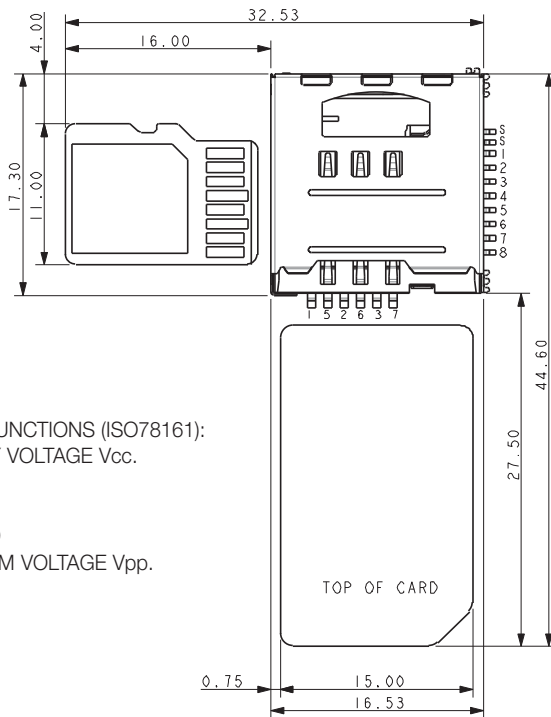
9162-500

PCB SPACE USED BY CONNECTOR CARDS FULLY INSERTED



CARDS EXTRACTED

SHOWN FOR REFERENCE ONLY



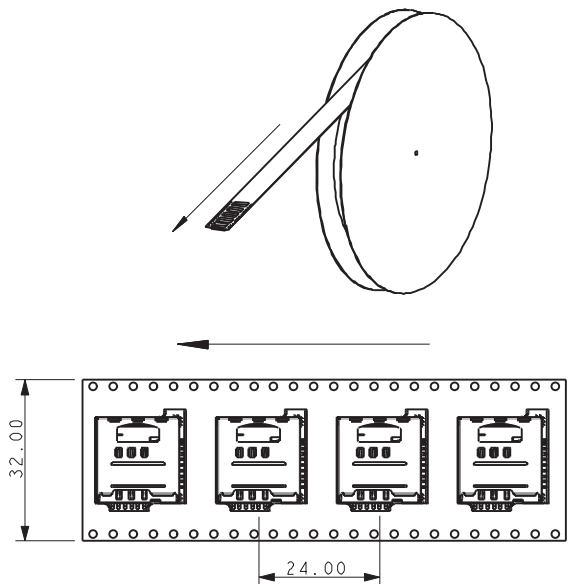
CONTACT FUNCTIONS (ISO78161):

1. SSUPPLY VOLTAGE Vcc.
2. RESET
3. CLOCK
4. GROUND
5. PROGRAM VOLTAGE Vpp.
6. I/O

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Memory Card Connectors](#) category:

Click to view products by [Kyocera AVX](#) manufacturer:

Other Similar products are found below :

[M21-033321-005](#) [6407-249V-25273P](#) [6407-249V-25343P](#) [6426-201-21343](#) [69.920.0553.0](#) [FCN-568P068-G/07-4V](#) [809180410000000](#)
[N7E50-7516PG-20-WF](#) [2041353-2](#) [33CFAE-DN](#) [502431-1011](#) [EN2997S61212BN](#) [EN2997SE61212BN](#) [NX1-32T-KT3K\(05\)](#) [95622-003LF](#)
[N7E50-U516RB-50-SIN0005](#) [95079-00CALF](#) [84648-056HLF](#) [33DVIR-29S12R](#) [125A-78C00](#) [MI20A-50PD-SF-EJL\(71\)](#) [KP10S-SF-](#)
[PEJ\(812\)](#) [504536-0691](#) [504580-0691](#) [CCM03-3109 B LFT](#) [MI21-50PD-SF\(91\)](#) [2309923-1](#) [61126-050CAHLF](#) [IC1GA-68PD-1.27DS-EJ\(72\)](#)
[GTFP08432B1HR](#) [G85DT17001P1EU](#) [G85B21611142HHR](#) [GSD090144HR](#) [G85D1140022P1HR](#) [GMCB05801124EU](#) [G85C11101152HHR](#)
[G85B231021B1HR](#) [G85D1160022HHR](#) [055036006202862+](#) [112K-TAA0-RA1](#) [115S-ACA2](#) [115S-ACA3](#) [115S-BS00](#) [115S-BT00](#) [MCSP-](#)
[Q1-08-A-SG-T/R](#) [503960-0695](#) [101B-TAA0-R](#) [101D-TAAA-R01](#) [101D-TAAB-R01](#) [104D-TCA0-R06](#)