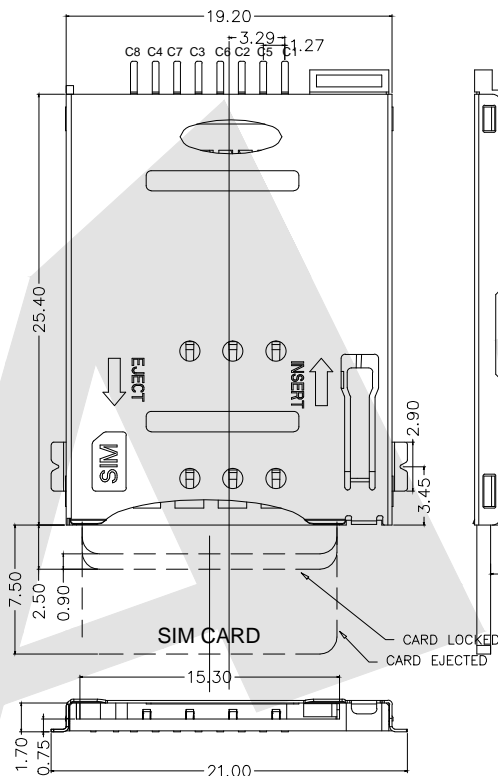
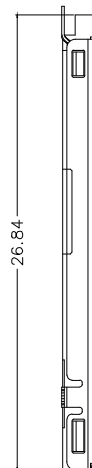


HSF



RoHS



PART NUMBER:  
ATK-SIM8185AL014

SERIES NUMBER

Large foot

Packing

A:Tray

T:Tube

R:Tape&amp;Reel

185=1.85mm HEIGHT

8-SPin

ATK- COMPANY NAME

## 1. SPECIFICATIONS

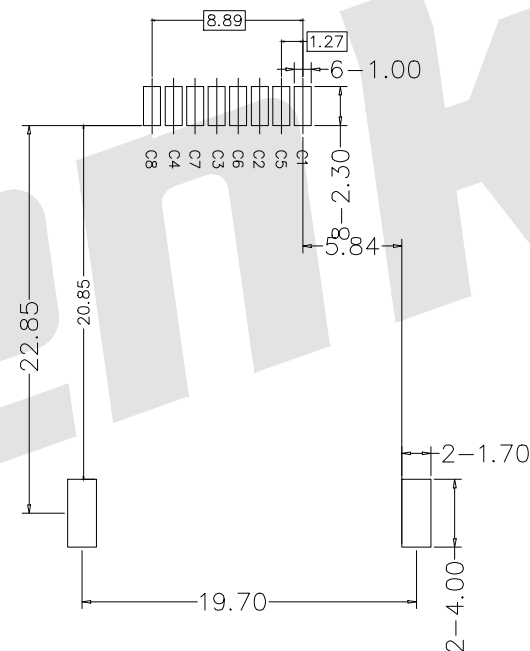
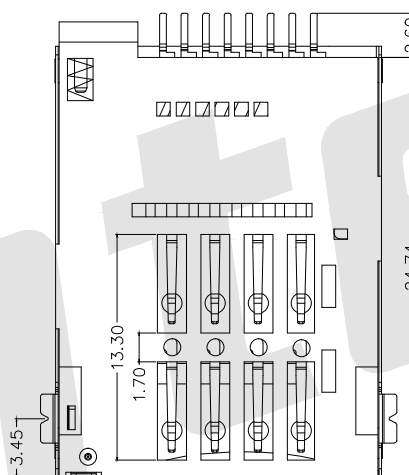
INSULATION RESISTANCE: 500M min. AT DC 500V DC  
WITHSTANDING VOLTAGE: 250V ACrms FOR 1 MINUTE  
CONTACT RESISTANCE: 100M max. AT 10mA/20mV max  
CURRENT RATING: 0.5A  
VOLTAGE RATING: 5.0 vrms  
OPERATING TEMP. RANGE: -55 C+85 C  
MATING CYCLES: 5000 INSERTIONS

## 2. MATERIAL:

INSULATOR: H-TEMPERATURE PLASTIC, UL 94V-0,  
COLOR\*BLACK  
TERMINAL: COPPER ALLOY, T=0.15mm  
SHELL: STAINLESS STEEL, T=0.15mm

## 3. FINISH:

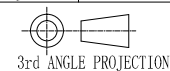
TERMINAL: 50u" min NICKEL UNDERPLATED ON  
ALLOVER, GOLD PLATING  
ON CONTACT ARER, 80u"min TIN ON SOLDER TAIL.  
SHELL: 50u" NICKEL UNDERPLATED ON ALLOVER, GOLD  
FLASH ON SOLDER LATCH



RECOMMENDED PCB LAYOUT

Unless Otherwise specified tolerance  
X. ±0.35 X.XX: ±0.20  
X.X: ±0.25 X.XXX: ±0.15

SCALE:  
As Shown UNIT:  
mm  
DRAW  
Jack Bao DATE  
01/13/2019  
CHECK  
BobYang DATE  
01/13/2019



ANTENK ELECTRONICS CO., LTD  
Http://www.antenk.com  
E-mail:sales@antenk.com

TITLE:  
SIM Series 8Pin 1.85mm Large Foot Height Connector

DRAWING NO: ATK-SIM8185AL014

PRODUCT NO: ATK-SIM8185AL014

REV

DESCRIPTION

DATE