

1. SPECIFICATIONS

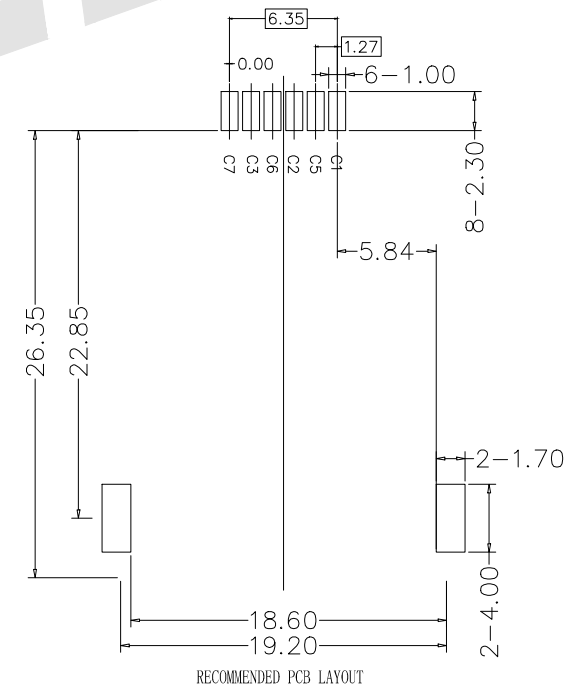
INSULATION RESISTANCE: 500M min. AT DC 500V DC  
WITHSTANDING VOLTAGE: 250V ACrms FOR 1 MINUTE  
CONTACT RESISTANCE: 100M max. AT 10mA/20mV max  
CURRENT RATING: 0.5A  
VOLTAGE RATING: 5.0 vrms  
OPERATING TEMP. RANGE: -55 C+85 C  
MATING CYCLES: 5000 INSERTIONS

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



SIM pin assignment	
PIN#	Name
C1	VCC
C2	RST
C3	CLK
C4	Reserved
C5	GND
C6	VPP
C7	I/O
C8	Reserved

PART NUMBER:

ATK-SIM6185AL008

SERIES NUMBER

Large foot

Packing

A: Tray

T: Tube

R: Tape&Reel

185-1.85mm HEIGHT

6=6Pin

ATK- COMPANY NAME

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

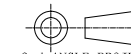
E-mail:sales@antenk.com

TITLE:

SIM Series 6Pin 1.85mm Large Foot Height Connector

DRAWING NO: ATK-SIM6185AL008

PRODUCT NO: ATK-SIM6185AL008



3rd ANGLE PROJECTION

REV	DESCRIPTION	DATE