Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

200±5

60.7

69.7

RECOMMEND PANEL CUT

54.0
21.2
26.5
52.0
R4.0
25.7±0.1
4×M6

52.0
54.0
66.0
62.8
1
2
A
B
4-Ø6.2

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
1.1 HOUSING: THERMOPLASTIC UL 94V0
1.2 SEAL: SILICONE RUBBER
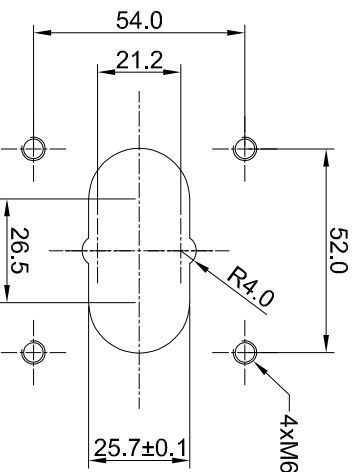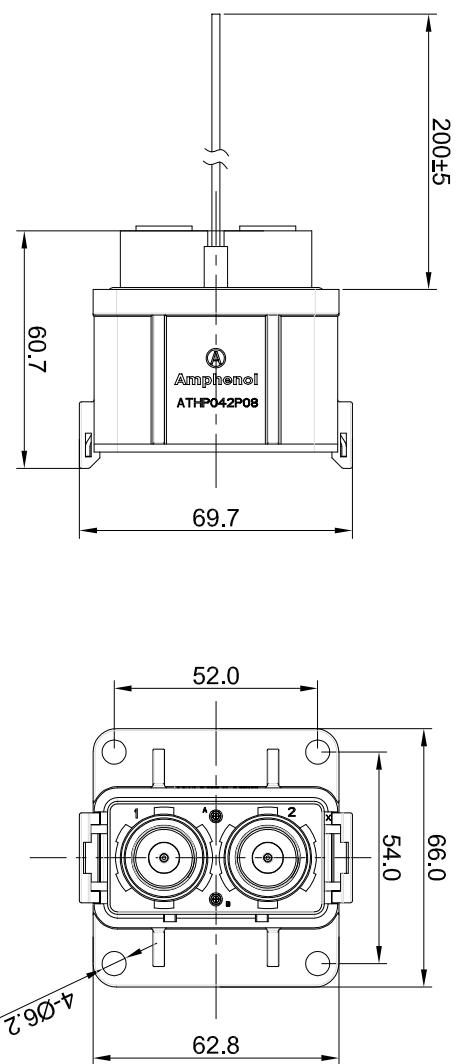1.3 POWER CONTACT: COPPER ALLOY, SILVER PLATED

2. SPECIFICATIONS:
2.1 CURRENT RATING: 50mm²@180 AMPS
2.2 VOLTAGE RATING: 1000 V AC/DC
2.3 OPERATING TEMPERATURE: -40°C TO +130°C
2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 3000 VOLTS AC.
2.5 INSULATION RESISTANCE: 500 MEGOHMS MIN@25°C.
2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
2.7 MATING CYCLE DURABILITY: 100 CYCLES
2.8 RoHS COMPLIANT

3. SIGNAL CONTACT: RT SERIES 16# PIN CONTACT
POWER CONTACT: SC000384-8

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

Wiring Diagram

A)   UL 3266 18AWG RED

B)   UL 3266 18AWG BLACK

MATERIALS LIST

ITEM	QUANTITY		PART NUMBER	DESCRIPTION
		A)		UL 3266 18AWG RED
		B)		UL 3266 18AWG BLACK

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30   Fractions ±1/64
2 PL DEC ±0.15   Angles ±1°
3 PL DEC ±0.08
3) Note reference =

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES   DATE
DRAWN: Regan   Dec.15,2016
CHECKED:
ENGINEER:
APPROVAL:
CUSTOMER:

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Amphenol
Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

TITLE: ATHP RECEPTACLE 2 PIN 8MM FLANG MOUNTING WITHOUT EMC SHIELDING

SIZE B   TYPE C-   DWG NO: ATHP042P08NL16-50   REVISION A2

SCALE: NONE   SHEET 1 OF 1