



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

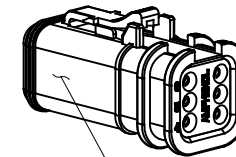
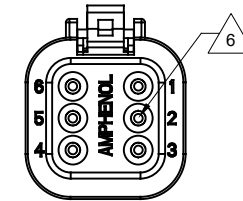
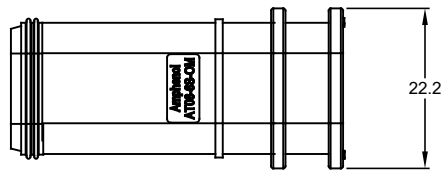
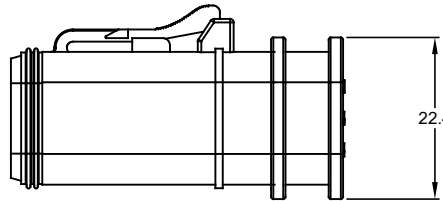
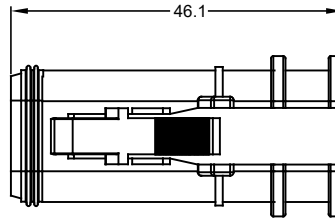
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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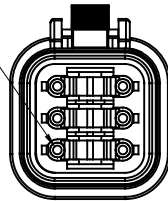
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE	5JUL17	JAH	-



REQUIRES CONTACT RETENTION WEDGE AW6S



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: PA66 GF15  
SEAL: SILICONE RUBBER
- MODIFICATIONS: FOR OVER MOLDING
- SPECIFICATIONS:  
3.1 CURRENT RATING: 13 AMPS  
3.2 OPERATING TEMPERATURE: -55°C TO +125°C  
3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.  
3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.  
3.5 MOISTURE RESISTANCE: IP67 ( MATED CONDITION )  
3.6 MATING CYCLE DURABILITY: 100 CYCLES  
3.7 RoHS COMPLIANT
- MATING PART: AT04-6P\* RECEPTACLE  
(\* = MODIFICATIONS AND COLORS )
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
16	2.24 mm (.088 in)	3.68 mm (.145 in)	14 - 20 AWG

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	AT06-6S-OMGRY
BLACK	AT06-6S-OMBLK
BLUE	AT06-6S-OMBLU
BROWN	AT06-6S-OMBRN
GREEN	AT06-6S-OMGRN
RED	AT06-6S-OMRED
WHITE	AT06-6S-OMWHT
YELLOW	AT06-6S-OMYEL

REFER TO PART NUMBER CHART FOR AVAILABLE CONNECTOR COLORS

SEE PART NUMBER CHART		DESCRIPTION		ITEM
QUANTITY	PART NUMBER	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED: 1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1°		SIGNATURES		DATE
DRAWN: J. HEAD				5JUL2017
CHECKED:		ENGINEER:		
APPROVAL:		CUSTOMER:		
MATERIAL SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		
PROCESS SPECIFICATIONS:		SCALE: NONE		
NEXT ASSY:		SIZE: B C-		TYPE: AT06-6S-OMXXX
		DWG NO:		REVISION: A1
		SHEET 1		OF 1

TITLE: PLUG, 6 SOCKET, OVER-MOLDING, AT SERIES  
DWG NO: AT06-6S-OMXXX  
REV: A1  
SH: 1  
OF: 1