



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

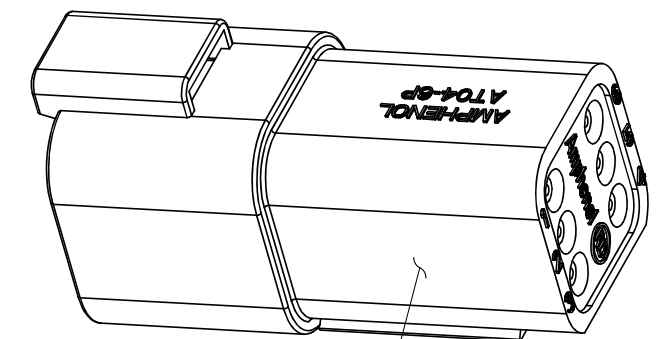
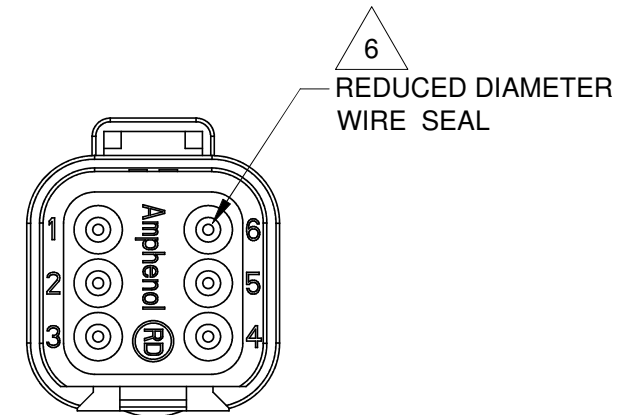
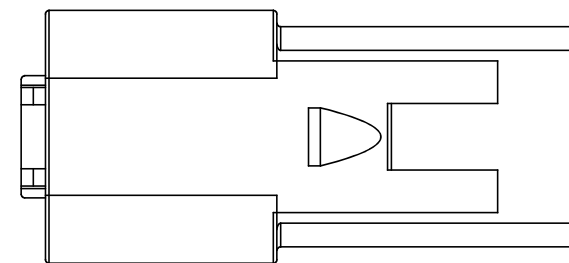
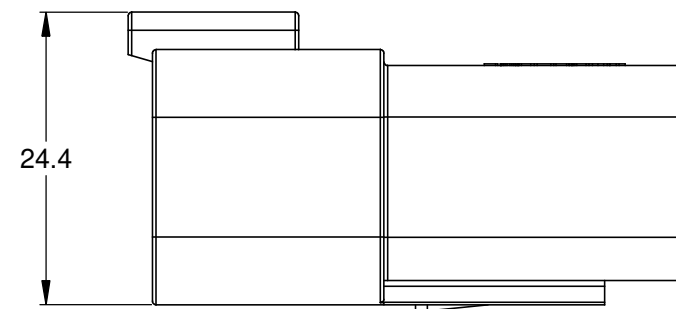
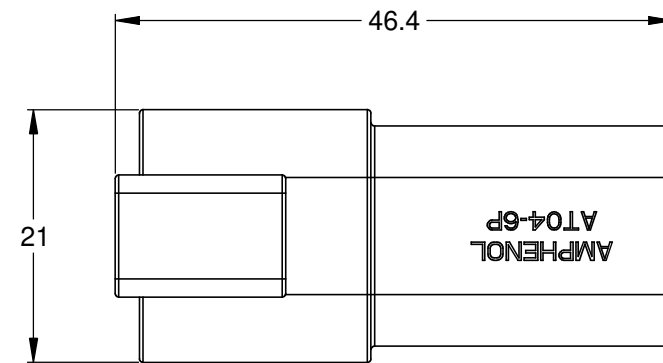
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Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

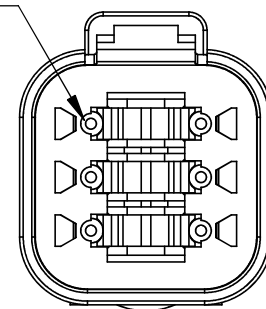


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3	-	RELEASE NEW DWG FORMAT	26DEC13	JARRY	-



STANDARD MOLDED COLOR IS GREY.  
ADDITIONAL COLORS SHOWN IN PART NUMBER  
CHART ARE AVAILABLE VIA SPECIAL ORDER.

REQUIRES CONTACT  
RETENTION WEDGE AW6P



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER
- MODIFICATIONS: REDUCED DIAMETER WIRE SEAL
- SPECIFICATIONS:
  - CURRENT RATING: 13 AMPS
  - OPERATING TEMPERATURE: -55°C TO +125°C
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
  - MOISTURE RESISTANCE: IP67 ( MATED CONDITION )
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART: AT06-6S\* PLUG  
(\* = MODIFICATIONS AND COLORS)

5. 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	1.35 mm (.053 in)	3.05 mm (.120 in)	14 - 20 AWG

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	AT04-6P-RD01
BLACK	AT04-6P-RD01BLK
BLUE	AT04-6P-RD01BLU
BROWN	AT04-6P-RD01BRN
GREEN	AT04-6P-RD01GRN
RED	AT04-6P-RD01RED
WHITE	AT04-6P-RD01WHT
YELLOW	AT04-6P-RD01YEL

QUANTITY	SEE PART NUMBER CHART	DESCRIPTION	ITEM																								
	PART NUMBER																										
<table border="1"> <thead> <tr> <th>UNLESS OTHERWISE SPECIFIED</th> <th>SIGNATURES</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>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</td> <td>DRAWN: JARRY</td> <td>26DEC13</td> </tr> <tr> <td>3) Note reference = </td> <td>CHECKED:</td> <td></td> </tr> <tr> <td></td> <td>ENGINEER:</td> <td></td> </tr> <tr> <td></td> <td>APPROVAL:</td> <td></td> </tr> <tr> <td>MATERIAL SPECIFICATIONS:</td> <td colspan="2">CUSTOMER:</td> </tr> <tr> <td>PROCESS SPECIFICATIONS:</td> <td colspan="2">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.</td> </tr> <tr> <td>NEXT ASSY:</td> <td colspan="2"></td> </tr> </tbody> </table>				UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE	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	DRAWN: JARRY	26DEC13	3) Note reference =	CHECKED:			ENGINEER:			APPROVAL:		MATERIAL SPECIFICATIONS:	CUSTOMER:		PROCESS 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.		NEXT ASSY:		
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<p style="text-align: center;"><b>Amphenol</b></p> <p style="text-align: center;">Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>																											
<p style="text-align: center;">RECEPTACLE, 6 PIN, AT SERIES, REDUCED DIAMETER SEAL</p>																											
SIZE	TYPE	DWG NO:	REVISION																								
B	C-	AT04-6P-RD01XXX	A3																								
SCALE:	NONE		SHEET 1 OF 1																								

TITLE: RECEPTACLE, 6 PIN, AT SERIES, REDUCED DIAMETER SEAL  
DWG NO: AT04-6P-RD01XXX  
REV: A3  
SH: 1  
OF: 1