

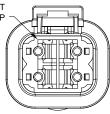
 REVISIONS

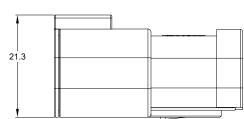
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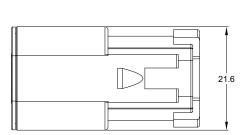
 A1
 RELEASED
 23SEP2021
 JAH
 DH

TITLE: RECEP., 4 PIN,ATP SERIES, REDUCED DIA. WIRE SEAL, END CAP DWG NO:











1. MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: END CAP; REDUCED DIA. WIRE SEAL
- 3. SPECIFICATIONS:
 - 3.1 CURRENT RATING: 25 AMPS
 - 3.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 3.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE m 1500 VOLTS AC.
 - 3.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 3.5 MOISTURE RESISTANCE:

IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION) IP69K(MATED CONDITION)

12 - 14 AWG

- 3.6 MATING CYCLE DURABILITY: 100 CYCLES
- 3.7 RoHS COMPLIANT
- 4. MATING PART: ATP06-4S* PLUG (* = MODIFICATIONS AND COLORS)

2.46 mm

(.097 in)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

4.01 mm

(.158 in)

<u>/b\</u>	CONTACT SIZE AND REAR SEAL WIRE RANGE:					
	CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL		
	SIZE	O.D.	O.D.	WIRE RANGE		

PART NUMBER CHART				
COLOR	PART NUMBER			
GREY	ATP04-4P-MM01			
BLACK	ATP04-4P-MM01BLK			

STANDARD MOLDED COLOR IS GREY. ADDITIONAL COLOR (BLACK) IS AVAILABLE VIA SPECIAL ORDER.

		NUMBER CH CONNECTOR		END CAP.	COLOR: BLACK	ATP04-4P-MM01XXX REV A1 SH: 1	
	SEE PART NU	JMBER CHART				9,	
	PART N	IUMBER		DE	SCRIPTION	ITEM →	
QUANTITY		MA	TERI	ALS LI	ST		
UNLESS OTHER 1) All dimensions	WISE SPECIFIED	SIGNATURI	ES DATE		mnhar	201	
2) Tolerances are a 1 PL DEC ±0.30		DRAWN: JHEAD	23SEP21	Amphenol			
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED:		Sin	e Systems - www.amphenol-s	sine.com	
3) Note reference = X ENGINEER:			44724 Morley Drive				
MATERIAL SPECIFICA	TIONS	APPROVAL: DH	23SEP21	Clinton Township, MI 48036			
CUSTOMER:			RECEPTACLE, 4 PIN, ATP SERIES,				
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPL INFORMATION ONLY. DES SPECIFICATIONS AND PE SHOWN HEREON ARE TH THE AMPHENOL CORPOR OF REPRODUCTION ARE DIMENSIONS ARE SUBJEI MANUFACTURING VARIA'	SIGN FEATURES, REFORMANCE DATA E PROPERTY OF RATION. NO RIGHTS IMPLIED. ALL CT TO NORMAL		DIAMETER WIRE SE DWG NO: ATP04-4P-MM0	1XXX A1	

REFER TO PART NUMBER CHART FOR AVAILABLE CONNECTOR COLORS

END CAP. COLOR: BLACK

A Series™ - Contact Size 12 Options (Works with: AHD-6, ATP, ATHD, DuraMate and PanelMate Series)

Machined Contacts, Sockets & Pins					
Part Number	Description	Size	AWG	Туре	
*AT60-204-12141-10	Male Contact - Pin, Nickel-plated	12	10-12	Machined	
*AT62-203-12141-10	Female Contact - Socket, Nickel-plated	12	10-12	Machined	
AT60-220-1231	Male Contact - Pin, Gold-plated	12	12-14	Machined	
AT62-210-1231	Female Contact - Socket, Gold-plated	12	12-14	Machined	
AT60-204-12141	Male Contact - Pin, Nickel-plated	12	12-14	Machined	
AT62-203-12141	Female Contact - Socket, Nickel-plated	12	12-14	Machined	

^{*}Works with ATP Series only

	DiagnosticGrade™ Machined Contacts, Sockets & Pins • Smaller AWG for Diagnostic Applications • Gold-plated • Increased Mating Cycles • Cost-effective				
	Part Number Description Size AWG Type				Туре
Γ	65-54749	Male Contact - DiagnosticGrade™, Pin, Gold-plated	12	20	Machined
	AT62-210-1231-1820	Female Contact - DiagnosticGrade™, Socket, Gold-plated	12	20	Machined

Tooling - Machined Contacts				
Part Number	Description			
AUTK-12	Hand Crimp Tool, Size 12			
AUTK-100	AUTK-100 Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20			
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20			
CA-5E12	CA-5E12 Pneumatic Crimp Tool, Size 12/16/20			
M300-25A	Hand Crimp Tool used with Crimp Locator MFX-3966, Size 12, 10AWG			
MFX-3966	Contact Locator used with Hand Crimp Tool M300-25A, Size 12, 10AWG			

Contact Removal Tools (For both Machined or Stamped & Formed Contacts)			
Part Number Description			
ATRT-100	Contact and Wedgelock Extraction Tool		
AT11-337-1205	Contact Removal Tool, Plastic, Size 12		

Sealing Plugs (For both Machined or Stamped & Formed Contacts)		
Part Number Description		
A114017	Sealing Plug, Size 12, White	

Stamped & Formed Contacts, Sockets & Pins					
Part Number	Description	Size	AWG	Туре	
AT60-12-0244	Male Contact - Pin, Gold-plated	12	10-12	Stamped & Formed	
AT62-12-0244	Female Contact - Socket, Gold-plated	12	10-12	Stamped & Formed	
AT60-12-0222	Male Contact - Pin, Nickel-plated	12	10-12	Stamped & Formed	
AT62-12-0222	Female Contact - Socket, Nickel-plated	12	10-12	Stamped & Formed	
AT60-12-0144	Male Contact - Pin, Gold-plated	12	12-14	Stamped & Formed	
AT62-12-0144	Female Contact - Socket, Gold-plated	12	12-14	Stamped & Formed	
AT60-12-0166	Male Contact - Pin, Nickel-plated	12	12-14	Stamped & Formed	
AT62-12-0166	Female Contact - Socket, Nickel-plated	12	12-14	Stamped & Formed	

Tooling - Stamped & Formed Contacts			
Part Number	Description		
MFX-3973	Crimp Die - Size 12		
MFX-3985	Crimp Die - Svize 12, 10-12AWG -02XX Series		
ATT-12-00	Hand Crimp Tool - Size 12, 12AWG		
ATT-12-01	Hand Crimp Tool - Size 12, 10AWG		