

RECEPTACLE, 2 PIN, END CAP, ATP SERIES

ATP04-2P-EC01XX

REV: A3 SH:

NOTES: UNLESS OTHERWISE SPECIFIED

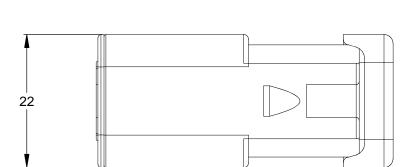
MATERIAL:

HOUSING: THERMOPLASTIC SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: END CAP
- 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 @ 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: ATP06-2S* PLUG.
 (* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL
SIZE	O.D.	O.D.	WIRE RANGE
12	3.40 mm (.134 in)	4.95 mm (.195 in)	10 - 14 AWG



PART NUMBER CHART			
COLOR	PART NUMBER		
GREY	ATP04-2P-EC01		
BLACK	ATP04-2P-EC01BK		

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

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	SEE PART N	UMBER CHART				
	PART NUMBER			DESCRIPTION	ITEM	
QUANTITY		MAT	ERIA	ALS LIST	•	
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm).		SIGNATURES	DATE	Amphenol		
i) All dimensions are in metric(min).		DD AWNI.				i

	UNLESS OTHERWISE SPECIFIED	SIGN	IATURES	KS 18/0CT/13 Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive				
	 All dimensions are in metric(mm). Tolerances are as follows: PL DEC ±0.30 Fractions ±1/64 	DRAWN:	D.PARKS	18/OCT/13			mphenoi	
	2 PL DEC ±0.15 3 PL DEC ±0.08 Angles ±1° 3) Note reference = X	CHECKED: ENGINEER:			-	Sin	44724 Morley Drive	
	MATERIAL SPECIFICATIONS:	APPROVAL:					Clinton Township, MI 48036	
		CUSTOMER:		•	REC	CEPTA	CLE, 2 PIN,END CAP, ATP SE	RIES
•	PROCESS SPECIFICATIONS:	INFORMATION SPECIFICATION SHOWN HERE THE AMPHENO OF REPRODU	G IS SUPPLIED FO N ONLY. DESIGN F DNS AND PERFOR ON ARE THE PRO OL CORPORATIO CTION ARE IMPLI ARE SUBJECT TO	EATURES, RMANCE DATA OPERTY OF N. NO RIGHTS ED. ALL O NORMAI	B	TYPE C-	ATP04-2P-EC01XX	REVISION A
1	NEXT ASS'Y:		RING VARIATIONS).	SCALE: N	ONE	SHEET 1 0	F 1

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	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	Universal Heavy Duty Contact Crimping Tool Kit, Size 12/16/20		
CA-5D12	Universal Hand Crimp Tool, Size 12/16/20		
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		