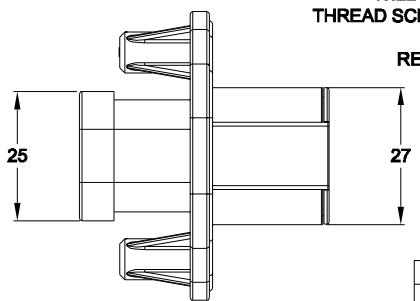
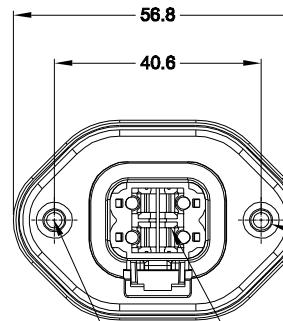
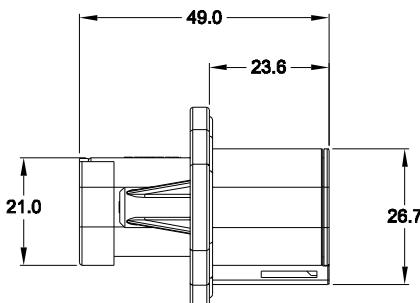
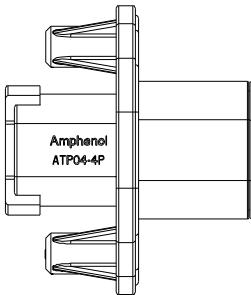


NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE PIN CHART
SEAL: SILICONE RUBBER
2. MODIFICATIONS: FLANGE MOUNTING;
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
4. MATING PART: ATP06-4S* PLUG.
(* = MODIFICATIONS AND COLORS)
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

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



PART NUMBER CHART	
COLOR	PART NUMBER
BLACK	ATP04-4P-PM07GEC
GREY	ATP04-4P-PM08GEC

SEE PART NUMBER CHART			
PART NUMBER		DESCRIPTION	
QUANTITY	MATERIALS LIST		
UNLESS OTHERWISE SPECIFIED			
1) All dimensions are in metric(mm). 2) All tolerances are ±0.10mm. 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.16 Angles ±1° 3 PL DEC ±0.08			
3) Note reference = 			
MATERIAL SPECIFICATIONS:			
CUSTOMER:			
PROCESS SPECIFICATIONS:			
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NEXT ASSEMBY:		SIGNATURES DATE	
DRAWN: ORIONUL		16/JAN/15	
CHECKED:			
ENGINEER:			
APPROVAL:			
Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
RECEPTACLE, 4 PIN, EC ATP SERIES, PANEL MOUNT			
SIZE	TYPE	DWG NO.	REVISION
B	C-	ATP04-4P-PM0XGEC	A2
SCALE: NONE		SHEET 1	OF 1

Amphenol

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

**RECEPTACLE, 4 PIN, EC
ATP SERIES, PANEL MOUNT**

TA SIZE TYPE DWG NO:
- B C ATR044B.DWG.CS

8 B C- A1P04-4P-PMU3AGEC A2
SCALE: NONE SHEET 1 OF 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	Type
*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

Stamped & Formed Contacts, Sockets & Pins				
Part Number	Description	Size	AWG	Type
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

DiagnosticGrade™ Machined Contacts, Sockets & Pins				
• Smaller AWG for Diagnostic Applications • Gold-plated • Increased Mating Cycles • Cost-effective				
Part Number	Description	Size	AWG	Type
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			