









THREAD SCREWS: EXAMPLE: ST4.8. RECOMMENDED TORQUE VALUES: 1.9-2.2 N.M 25 27

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

ATP04-4P-PM0XGEC

SHEET 1 OF 1

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

⋧

ITEM

SEE PART NUMBER CHART DESCRIPTION PART NUMBER MATERIALS LIST QUANTITY UNLESS OTHERWISE SPECIFIED SIGNATURES DATE **Amphenol** 1) All dimensions are in metric/mm). ORION.LI 16/JAN/15 Sine Systems - www.amphenoi-sine.com 44724 Morley Drive 3) Note reference = X Clinton Township, MI 48036 MATERIAL SPECIFICATIONS RECEPTACLE, 4 PIN. EC ATP SERIES, PANEL MOUNT

В

SCALE NONE

PROCESS SPECIFICATIONS:

NEXT ASSY:

_				
5.	ALL DIMENSIONS	ARE FUR I	KEFEKENCE	USE ONL

1. MATERIAL:

3. SPECIFICATIONS:

SEAL: SILICONE RUBBER

3.7 RoHS COMPLIANT

4. MATING PART: ATP06-4S* PLUG.

(* = MODIFICATIONS AND COLORS)

2. MODIFICATIONS: FLANGE MOUNTING;

3.1 CURRENT RATING: 25 AMPS

HOUSING: THERMOPLASTIC; COLOR: SEE P/N CHART

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

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

ATP Series™ - Contact Size 12 Options

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

DiagnosticGrade™ Machined Contacts, Sockets & Pins • Smaller AWG for Diagnostic Applications • Gold-plated • Increased Mating Cycles • Cost-effective				
Part Number Description Size AWG Type		Туре		
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	Part Number	Description	
	CA-5D12	Universal Hand Crimp Tool, Size 12/16/20 (Machined contacts only)	
55	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)	
E.	M300-25A	Hand Crimp Tool used with Crimp Locator MFX-3966, Size 12, 10AWG (Machined contacts only)	
	MFX-3966	Contact Locator used with Hand Crimp Tool M300-25A, Size 12, 10AWG (Machined contacts only)	

Contact Removal Tools			
Part	Part Number	Description	
-	ATRT-100	Used for removal of contacts for A Series™ products	
	AT11-337-1205	Contact Removal Tool, Plastic, Size 12	
6	A114017	Sealing Plug, Size 12, White	

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

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