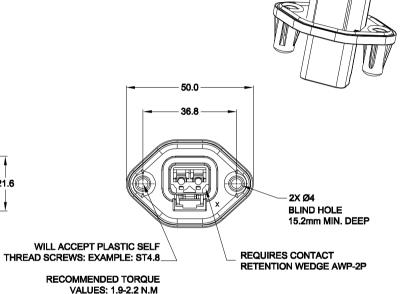


 REVISIONS

 REV
 ECO
 DESCRIPTION
 DATE
 BY
 APPR

 A1
 NEW RELEASE
 09/MAR/15
 JARRY
 TOMMY

 A2
 ADD PART NUMBER CHART
 19/AUG/15
 JARRY
 TOMMY



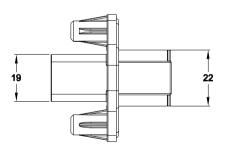
⋧

## NOTES: UNLESS OTHERWISE SPECIFIED

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: ATP06-2S\* PLUG. (\* = MODIFICATIONS AND COLORS)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- 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)	10 - 14 AWG



PART NUMBER CHART			
COLOR PART NUMBER			
BLACK	ATP04-2P-PM07G		
GREY ATP04-2P-PM08G			

	SEE PART NUMBER CHART		ART							9
	PART NUMBER			DESCRIPTION				ITEM	Ī -	
QUANTITY	MATERIALS LIST									
	INLESS OTHERWISE SPECIFIED  ) All dimensions are in metric(mm).  DRAWN: JARRY  09/MAR/1.		TURES	DATE	Amphonol			ı		
			09/MAR/15	Amphenol						
2 PL DEC ±0.16 3 PL DEC ±0.08	Angles ±1"	CHECKED:			Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036					
3) Note reference	- x	ENGINEER:								
MATERIAL SPECIFICA	TIONE	APPROVAL:						4		
NOTE COLOR BY	i i i i i i i i i i i i i i i i i i i	CUSTOMER:			RECEPTACLE, 2 PIN,		_			
			IIS DRAWING IS SUPPLIED FOR ATP SERIES, PANEL MOUNT FORMATION ONLY, DESIGN FEATURES.		NT.					
PROCESS SPECIFICA	TIONS:	SPECIFICATIONS SHOWN HEREON THE AMPHENOL OF OF REPRODUCTION	ECIFICATIONS AND PERFORMANCE DATA OWN HEREON ARE THE PROPERTY OF E AMPHENOL CORPORATION, NO RIGHTS REPRODUCTION ARE IMPLIED, ALL JENSIONS ARE SUBJECT TO NORMAL		В	C-	ATP04-2	P-PM0XG	A2	Ż
NEXT ASSY:	TASSY: MANUFACTURING VARIATIONS.		1.	SCALE: N	ONE		янеет 1	o <del>r</del> 1		

## **ATP Series™** - Contact Size 12 Options

Machined Contacts, Sockets & Pins						
Part Number	Description		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		12-14	Machined		
AT62-203-12141	Female Contact - Socket, Nickel-plated 12 12-14 Made		Machined			

DiagnosticGrade™ Machined Contacts, Sockets & Pins • Smaller AWG for Diagnostic Applications • Gold-plated • Increased Mating Cycles • Cost-effective					
Part Number	art Number Description			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)		
550	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)		
0,	M300-25A	Hand Crimp Tool used with Crimp Locator MFX-3966, Size 12, 10AWG (Machined contacts only)		
<b>C</b>	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		
	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	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)		