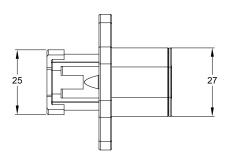


NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; COLOR: GREY FLANGE: THERMOPLASTIC; COLOR:GREY SEAL: SILICONE RUBBER

- 2. MODIFICATIONS: END CAP; FLANGE
- 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.
- 6 CONTACT SIZE AND REAR SEAL WIRE RANGE: CONTACT MIN. INSUL MAX. INSUL WIRE RANGE SIZE O.D. O.D. 3.40 mm 4.95 mm 12 10 - 14 AWG (.134 in) (.195 in)



							_
	ATP04-4	IP-PM02		DTP04-4P-LE07	7		유
	PART N	IUMBEF	2		DESCRIPTION	ITEM	2
QUANTITY			MAT	TERI/	ALS LIST		\vdash
1) All dimensions a		SIGN DRAWN:	NATURE		Amphenol		
2) Tolerances are a 1 PL DEC ±0.30	as follows:		JOE.SONG	30/AUG/19	- / timpricinoi		
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1"	CHECKED:	ORION.LI	30/AUG/19	Sine Systems - www.amphenol-sine.com		
3) Note reference	- <u>x</u>	ENGINEER:		44724 Morley Drive Clinton Township, MI 48036			
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY.XIE	30/AUG/19	PECEDTACLE 4 PIN END CAP		1

RECEPTACLE, 4 PIN, END CAP ATP SERIES, PANELMATE THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF PROCESS SPECIFICATION

THE AMPHENOL CORPORATION. NO RIGHTS
OF REPRODUCTION ARE IMPLIED. ALL

DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.

NEXT ASS'Y:

SIZE	TYPE	DWG NO:				REVISION
В	C-	ATP04-4P-	PM0	2		A4
SCALE: N	ONE		SHEET	1	OF	2

DWG NO:

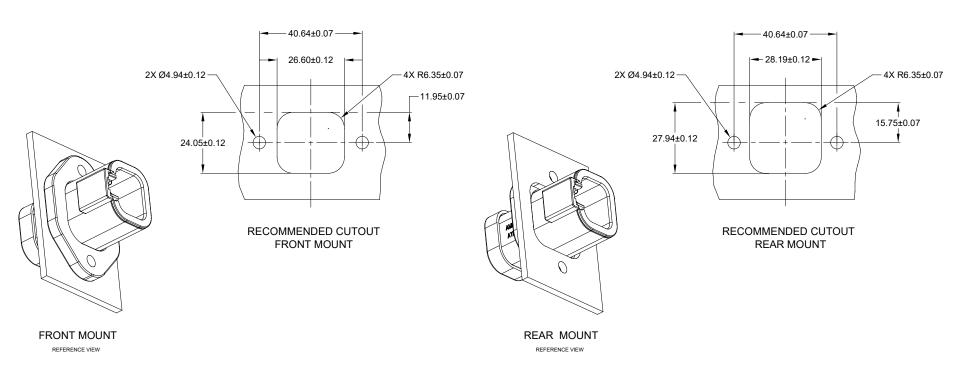
RECEPTACLE, 4 PIN, END CAP, ATP SERIES, PANELMATE

		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		RELEASE NEW DWG FORMAT	24/NOV/15	ORION	
A4		ADD CARTRIDGE-HOLDER REQUIRED	04/SEP/19	JOE	TOMMY

RECEPTACLE, 4 PIN,END CAP, ATP SERIES, PANELMATE

ATP04-4P-PM02

REV: A4 SH: 2



	17701	4D DI 100								9
	AIP04~	4P-PM02] 7
	PART N	NUMBER	₹		DESCRIPTION					
QUANTITY			MA	TERL	٩L	SLI	ST		•	-
UNLESS OTHER	WISE SPECIFIED	SIGN	NATURE	S DATE		^	mnhc	nol.		1
2) Tolerances are		DRAWN:	JOE.SONG	04/SEP/19	1		mphe			
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1"	CHECKED:	ORION.LI	04/SEP/19		Sir	e Systems - www.ampher	nol-sine.com		
3) Note reference	- X	ENGINEER:			44724 Morley Drive					
MATERIAL SPECIFICA	ATIONS:	APPROVAL:	TOMMY.XIE	04/SEP/19	Clinton Township, MI 48036				-	
		CUSTOMER:			RECEPTACLE, 4 PIN, END CAP					
			NG IS SUPPLIE	ED FOR GN FEATURES.	ATP SERIES, PANELMATE					
PROCESS SPECIFICA	ATIONS:	SPECIFICATION SHOWN HERE THE AMPHEN OF REPRODU	ONS AND PER EON ARE THE IOL CORPORA JCTION ARE IN	FORMANCE DATA PROPERTY OF ATION. NO RIGHTS MPLIED. ALL T TO NORMAL	B C- ATP04-4P-PM02 A4					
NEXT ASS'Y:		MANUFACTU		ONS.	SCALE: NONE SHEET 2 OF 2				2	

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

	• Smaller AWG fo	DiagnosticGrade™ Machined Contacts, Sockets & Pi or Diagnostic Applications • Gold-plated • Increased Matin		es • Cost-e	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				