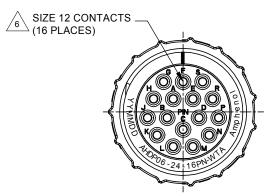
		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	_	RELEASE NEW DRAWING	11MAY20	BROOK	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK

SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED ADAPTER(WTA);

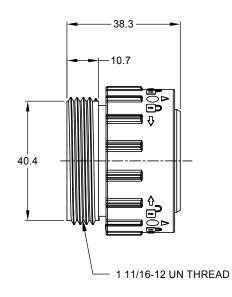
NORMAL DIA. WIRE SEAL.

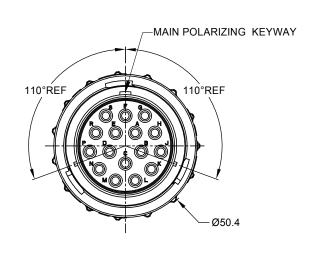
## 3. SPECIFICATIONS:

- 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
- 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
- 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
- 3.4 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
- 3.5 MATING CYCLE DURABILITY: 100 CYCLES
- 3.6 RoHS COMPLIANT
- 4. MATING PART: AHDP04-24-16S\* (\* = SEAL TYPE)
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



CONTACT	MIN. INSUL	MAX. INSUL	TYPICAL	CURRENT
SIZE	O.D.	O.D.	WIRE RANGE	RATING
12	3.40 mm (.134 in)	4.32 mm (.170 in)	10-14 AWG (6.0-2.0mm²)	25 AMPS





THREADED ADAPTER - GREEN

	AHDP06-24-16PN-WTA			REF:HD	HDP26-24-16PN-L024				
PART NUMBER			DESCRIPTION						
QUANTITY	QUANTITY MAT		MAT	ERI	ALS	3 LI	ST		
	UNLESS OTHERWISE SPECIFIED  1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30   Fractions ±1/84		NATURES	DATE	1 Amphanal				
			BROOK.DING	11MAY20	1		mphenol		
2 PL DEC ±0.15 3 PL DEC ±0.08	Angles ±1°	CHECKED: ADMINISTRATION CONTROL OF THE CHECKED.		ne Systems - www.amphenol-sine.com					
3) Note reference	3) Note reference = X				44724 Morley Drive Clinton Township, MI 48036				
MATERIAL SPECIFICA	MATERIAL SPECIFICATIONS:		TOMMY.XIE	13MAY20	Clinton Township, Wi 48036				
		CUSTOMER:			PLUG,24 SZ,16-PIN,REVESER				
			NG IS SUPPLIED F		ARRANGEMENT, NORMAL SEAL, WTA, AHDF			P SERIES	
PROCESS SPECIFICATIONS:		SPECIFICATI SHOWN HER THE AMPHEN OF REPRODI	IONS AND PERFO EON ARE THE PR NOL CORPORATIO UCTION ARE IMPL ARE SUBJECT TO	RMANCE DATA ROPERTY OF DN. NO RIGHTS LIED. ALL O NORMAI	B C AHDP06-24-16PN-		AHDP06-24-16PN-WTA	A1	
NEXT ASS'Y:	NEXT ASSY:		MANUFACTURING VARIATIONS.		SCALE: N	ONE	DURAMATE SHEET 1 O	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	

<sup>\*</sup>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			