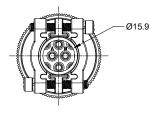


		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASED	16MAR2020	J. HEAD	DH



NOTES: UNLESS OTHERWISE SPECIFIED

1. PLUG MATERIAL:

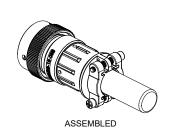
SHELL: ZINC ALLOY, NICKEL PLATED
COUPLING RING: ALUMINUM ALLOY, NICKEL PLATED
INSERT AND RETAINING RING: THERMOPLASTIC
SEAL: SILICONE RUBBER

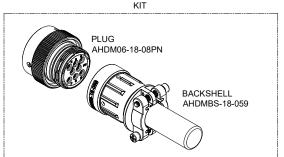
2. BACKSHELL MATERIAL:

SHELL: ALUMINIUM ALLOY, NICKEL PLATED; LATCH SEGMENT: ALUMINIUM ALLOY, NICKEL PLATED; SCREW AND LOCK WASHER: STAINLESS STEEL; BUSHING: EPDM.

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
- APPLY BACKSHELL TO CABLE OD SIZE: Ø11.20-Ø19.30 . CAN BE USED WITH OR WITHOUT BUSHING.
- 5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- 6. SEE SPECIFIC PLUG DRAWING FOR:
 - 6.1 CONTACT SIZE AND WIRE RANGE.
 - 6.2 RETAINING RING COLOR.
 - 6.3 MATING PART(S).
 - 6.4 CONTACT LAYOUT AND ALL OTHER SPECIFICATIONS.





	AHDM06-1	HD36-18-088	N-059							
	PART N				DESCRIPTION	N			ITEM	
QUANTITY	MA.			ATERIALS LIST						
UNLESS OTHERWISE SPECIFICATION JAI dimensions are in metricipina. JAI differencies are in self-cipina. JAI differencies are as follows: 1PL DEC a.0.3 Fractions s1/04 Angles s1* JAI DEC 20.08 JAI DEC 20.08 JAI DEC 20.08 MATERIAL SPECIFICATIONS: NEXT ASSY:		SIGNATURE	S DA	ΓE	Amphonol					
		DRAWN: J. HEAD	16MAR	2020	Amphenol					
		CHECKED:			Sine Systems - www.amphenol-sine.com					
		ENGINEER:			44724 Morley Drive Clinton Township, MI 48036					
		APPROVAL:		7		Clinton Tow	nsnip, ivii 48	036		
		CUSTOMER:				ATE AHDM	/		,	ΓHD,
		THIS DRAWING IS SUPPLI		s	KIT	W/ CABLE	CLAMP I	BACKS	SHELL	
		SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		DATA OF SHTS	B C	- AHDN	106-18-0)8PN-	059	A1
					SCALE: NONE			SHEET	1 or	1

AHUM06-18-08PN-056

KIT,PLUG AND BACKSHELL,SZ 18

REV: A1 SH: 1

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ATP Series™ - Contact Size 12 Options

Machined Contacts, Sockets & Pins						
Part Number	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	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)			
	CA-5E12	Pneumatic Crimp Tool, Size 12/16/20 (Machined contacts only)			

Contact Removal Tools					
Part	Part Number	Description			
refer turbs	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		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 - Size 12 (S&F contacts only) 10-12AWG -02XX Series			
	ATT-12-00	Hand Crimp Tool - Size 12, 12AWG (S&F contacts only)			

Amphenol Sine Systems 44724 Morley Drive Clinton Township, MI 48036 USA www.amphenol-sine.com 09/2021

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Largest Supplier of Electrical and Electronic Components

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