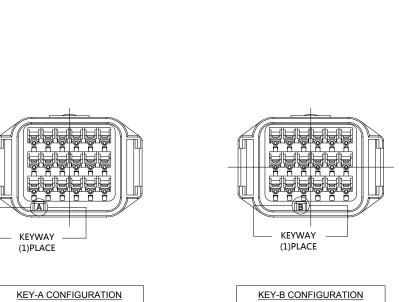
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							A2	-	UPDAT	TE NOTES	19FEB19	SULLEN	TOMMY	1
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4.7 ROHS COMPLIANT 7. CONTACT SIZE AND REAR SEAL WIRE RANGE: 5. MATING PART: ATV06-18SX* PLUG (X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS) CONTACT SIZE AND REAR SEAL WIRE RANGE: 6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. 16 1.12 mm (.044 in) (.090 in) 16 - 22 AWG								CHEC	OKIONLI ISPEDIS			-sine.com		
5. MATING PART: ATV06-18SX* PLUG (X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS) CONTACT MIN. INSUL SIZE MAX. INSUL O.D. TYPICAL WIRE RANGE 6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. 16 1.12 mm (.044 in) 2.31 mm (.090 in) 16 - 22 AWG			SIZE AND RE	AR SEAL WIF	RE RANGE [.]			ENGIN				6		
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6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.														
6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY. 16 (.044 in) (.090 in) 16 - 22 AWG DEFENSIONS ARE FOR REFERENCE USE ONLY. 16 C.044 in) (.090 in) 16 - 22 AWG	(X - A, B, C, D, R = 13), - MODIFICATIONS AND COLORS)						PROCESS SPECIFICATIONS:			SIZE TYPE DWG NO:			REVISION	l -
	6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.	16			16 - 22 AWG			THE A OF RE	MPHENOL CORPORATION. NO RIGHTS PRODUCTION ARE IMPLIED. ALL		V04-18PX-	RR01	A2	
							NEXT ASS'Y:			SCALE: NONE	SI	IEET 1	OF 2	

		REVISIONS			
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE DRAWING	03MAY18	RIMON	TOMMY
A2	-	UPDATE NOTES	19FEB19	SULLEN	TOMMY

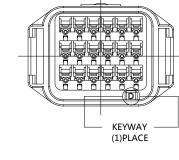


KEY-A CONFIGURATION					
COLOR	PART NUMBER				
GREY ATV04-18PA-RR01					
GREY ATV04-18PA-RR					

KEY-B CONFIGURATION				
COLOR PART NUMBER				
BLACK ATV04-18PB-RR01				

KEYWAY (1)PLACE

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TITLE: RECEPTACLE, IN LINE, 18 PM, ATV SERIES, REDUCED DWMETER WIRE SEA.

DWG NO:

ATV04-18PX-RR01 REV: A2 SH: 2

KEY-C CONFIGURATION					
COLOR PART NUMBER					
GREEN ATV04-18PC-RR01					

	KEY-D CONFIGURATION						
COLOR PART NUMB							
	BROWN	ATV04-18PD-RR01					

	SEE CONFIGL							
	PART		-	DESCRIPTION				
QUANTITY	174(11			ERI				
UNLESS OTHER	WISE SPECIFIED	sig	NATURE					
1) All dimensions (2) Tolerances are (as follows:		SULLENZHANG		Ampheno			
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08	Fractions ±1/64 Angles ±1°	CHECKED:	ORIONLI	19FEB19	Sine Systems - www.amphenol-sine.com			
3) Note reference	_ /x	ENGINEER:			44724 Morley Drive			
MATERIAL SPECIFICA	TIONS:	APPROVAL:	TOMMY.XIE	19FEB19	Clinton Township, MI 48036			
		CUSTOMER			RECEPTACLE, IN LINE, 18 PIN, ATV SI	ERIES		
			ING IS SUPPLIED		REDUCED DIAMETER WIRE SEA	L		
PROCESS SPECIFICA	TIONS:	SPECIFICAT SHOWN HEP THE AMPHE OF REPROD	IONS AND PERF	ORMANCE DATA PROPERTY OF TION. NO RIGHTS PLIED. ALL	B C- ATV04-18PX-RR01	REVISION A2		
NEXT ASS'Y:			JRING VARIATIO	NS.	SCALE: NONE SHEET 2	OF 2		

AT Series[™] - Contact Size 16 Options

Machined Contacts, Sockets & Pins							
Part Number	Description	Size	AWG	Туре			
AT60-215-1631	Male Contact - Pin, Gold-plated	16	14	Machined			
AT62-209-1631	Female Contact - Socket, Gold-plated	16	14	Machined			
AT60-215-16141	Male Contact - Pin, Nickel-plated	16	14	Machined			
AT62-209-16141	Female Contact - Socket, Nickel-plated	16	14	Machined			
AT60-202-1631	Male Contact - Pin, Gold-plated	16	16-20	Machined			
AT62-201-1631	Female Contact - Socket, Gold-plated	16	16-20	Machined			
AT60-202-16141	Male Contact - Pin, Nickel-plated	16	16-20	Machined			
AT62-201-16141	Female Contact - Socket, Nickel-plated	16	16-20	Machined			
AT60-202-1631-22	Male Contact - Pin, Gold-plated	16	22-24	Machined			
AT62-201-1631-22	Female Contact - Socket, Gold-plated	16	22-24	Machined			
AT60-202-16141-22	Male Contact - Pin, Nickel-plated	16	22-24	Machined			
AT62-201-16141-22	Female Contact - Socket, Nickel-plated	16	22-24	Machined			

Tooling - Machined Contacts							
Part	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						
2 comments	ATRT-100	Used for removal of contacts for A Series™ products						
	AT11-310-1605	Contact Removal Tool, Plastic, Size 16						
	A114017	Sealing Plug, Size 16, White						

Stamped & Formed Contacts, Sockets & Pins								
Part Number	Description	Size	AWG	Туре				
AT60-14-0144	Male Contact - Pin, Gold-plated	16	14-16	Stamped & Formed				
AT62-14-0144	Female Contact - Socket, Gold-plated	16	14-16	Stamped & Formed				
AT60-14-0122	Male Contact - Pin, Nickel-plated	16	14-16	Stamped & Formed				
AT62-14-0122	Female Contact - Socket, Nickel-plated	16	14-16	Stamped & Formed				
AT60-16-0144	Male Contact - Pin, Gold-plated	16	16-18	Stamped & Formed				
AT62-16-0144	Female Contact - Socket, Gold-plated	16	16-18	Stamped & Formed				
AT60-16-0122	Male Contact - Pin, Nickel-plated	16	16-18	Stamped & Formed				
AT62-16-0122	Female Contact - Socket, Nickel-plated	16	16-18	Stamped & Formed				
AT60-16-0644	Male Contact - Pin, Gold-plated	16	18-20	Stamped & Formed				
AT62-16-0644	Female Contact - Socket, Gold-plated	16	18-20	Stamped & Formed				
AT60-16-0622	Male Contact - Pin, Nickel-plated	16	18-20	Stamped & Formed				
AT62-16-0622	Female Contact - Socket, Nickel-plated	16	18-20	Stamped & Formed				
AT60-16-0844	Male Contact - Pin, Gold-plated	16	20-22	Stamped & Formed				
AT62-16-0844	Female Contact - Socket, Gold-plated	16	20-22	Stamped & Formed				
AT60-16-0822	Male Contact - Pin, Nickel-plated	16	20-22	Stamped & Formed				
AT62-16-0822	Female Contact - Socket, Nickel-plated	16	20-22	Stamped & Formed				

Tooling - Stamped & Formed Contacts		
Part	Part Number	Description
	MFX-3950	Crimp Die - Size 16, 18-20AWG (S&F contacts only)
	MFX-3953	Crimp Die - Size 16, 16-18AWG (S&F contacts only)
	MFX-3975	Crimp Die - Size 16, 14-16AWG (S&F contacts only)
	MFX-3990	Crimp Die - Size 16, 20-22AWG (S&F contacts only)
	ATT-16-00	Hand Crimp Tool - Size 16, 14-16AWG (S&F contacts only)
	ATT-16-01	Hand Crimp Tool - Size 16, 18-20AWG (S&F contacts only)
	ATT-1612-03	Hand Crimp Tool - Size 16, 20-22AWG (S&F contacts only)

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