







NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; COLOR: GREY WEDGELOCK: THERMOPLASTIC; COLOR: ORANGE SEALS: SILICONE RUBBER

CONTACTS: COPPER ALLOY; NICKEL PLATED

- 2. SPECIFICATIONS:
 - 2.1 CURRENT RATING: 7.5 AMPS
 - 2.2 OPERATING TEMPERATURE: -55°C TO +125°C
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 2.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
 - 2.5 CONTACT MILLIVOLT DROP: 60 MILLIVOLT DROP @ 7.5 AMP TEST CURRENT.

 - 2.6 MOISTURE RESISTANCE: IP67 (MATED CONDITION) 2.7 CONNECTOR MATING CYCLE DURABILITY: 100 CYCLES

- 3. MATING PART: ATM04-3P* RECEPTACLE (* = MODIFICATIONS AND COLORS)
- 4. AVAILABLE HAND CRIMPER: CA-5D12
- 5. ALL COMPONENTS ARE ROHS COMPLIANT.
- 6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- 7\WIRE RANGE OF CONTACTS INCLUDED IN KIT: 20 - 22 AWG
- $^{\prime}$ 8 \CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT	MIN. INSUL.	MAX. INSUL.	TYPICAL		
SIZE	O.D.	O.D.	WIRE RANGE		
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG		

3	AT62-201-20141		C	CONTACT, SOCKET, SOLID, SIZE 20, 20-22 AWG			3		
1	AWM-3S			S-WEDGELOCK, 3 POSITION, ATM SERIES			2	_	
1	ATM06-3S		P	PLUG, 3 POSITION, ATM SERIES			1	ı	
QUANTITY	ANTITY PART NUMBER			DESCRIPTION				ITEM -	
	MATERIALS LIST								
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows:		SIGNATURES		DATE	Amphonol				ı
		D.PARKS		17/SEP/13	Amphenoi				ı
2 PL DEC ±0.15 3 PL DEC ±0.08	2 PL DEC ±0.15 Angles ±1°				Sine Systems - www.amphenol-sine.com			ı	
3) Note reference = \(\int X \) MATERIAL SPECIFICATIONS:		ENGINEER:		44724 Morley Drive Clinton Township, MI 48036		1			ı
		APPROVAL:				Clinton Township, MI 48036		ı	
		CUSTOMER:		KIT, ATM SERIES, 3 POSITION PLUG,				İ	
			THIS DRAWING IS SUPPLIED FOR		CONTACTS, AND WEDGELOCK				i
PROCESS SPECIFICATIONS:				SIZE B	C-	ATM06-3S-KIT01	REVISION		
	UNLESS OTHER 1) All dimensions a 2) Tolerances are a 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.03 3) Note reference	1 AWM-3S 1 ATM06-3S 1 ATM06-3S QUANTITY PART N UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.35 3 PL DEC ±0.08 3) Note reference = MATERIAL SPECIFICATIONS:	1 AWM-3S 1 ATM06-3S QUANTITY PART NUMBER UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 Angles ±1° 3 PL DEC ±0.08 Angles ±1° 3) Note reference = X MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: THIS DRAWNG INFORMATION OF SPECIFICATION OF REPRODUCT THE AMPHENOL OF REPRODUCT	1 AWM-3S 1 ATM06-3S F QUANTITY PART NUMBER UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.35 3 PL DEC ±0.15 3 PL DEC ±0.15 3 PL DEC ±0.15 3 PL DEC ±0.15 4 Angles ±1° APPROVAL: ENGINEER: APPROVAL: THIS DRAWING IS SUPPLIED INFORMATION ONLY. DESIGN SPECIFICATIONS: PROCESS SPECIFICATIONS: THIS DRAWING IS SUPPLIED INFORMATION ONLY. DESIGN SPECIFICATION AND THE PITHE AMPHENOL CORPORATION OF REPRODUCTION ARE IMP	1 AWM-3S 1 ATM06-3S PLUG, 3 F QUANTITY PART NUMBER UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 3 PL DEC ±0.31 3 PL DEC ±0.30 Tractions ±1/64 Angles ±1° MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: S-WEDG SIGNATURES DATE DRAWN: D.PARKS 17/SEP/13 CHECKED: ENGINEER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON AND FERFORMANCE DATA SHOWN HEREON ARE IMPLIED. ALL	1 AWM-3S 1 ATM06-3S PLUG, 3 POSIT QUANTITY PART NUMBER UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.35 3 PL DEC ±0.15 3 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = MATERIAL SPECIFICATIONS: PROCESS SPECIFICATIONS: PROCESS SPECIFICATIONS: SIGNATURES DATE DRAWN: D.PARKS 17/SEP/13 CHECKED: ENGINEER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL B	1 AWM-3S 1 ATM06-3S PLUG, 3 POSITION, A QUANTITY PART NUMBER DE WATERIALS LI UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.35 3 PL DEC ±0.31 3 PL DEC ±0.38 3) Note reference = APPROVAL: CUSTOMER: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES, SPECIFICATIONS: PROCESS SPECIFICATIONS: THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY, DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL TYPE B TYPE 1 AWM-3S 1 ATM06-3S PLUG, 3 POSITION, ATM SERIES QUANTITY PART NUMBER DESCRIPTION MATERIALS LIST UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.35 3 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference = MATERIAL SPECIFICATIONS: SIGNATURES DATE DRAWN: D.PARKS Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 KIT, ATM SERIES, 3 POSITION PLUG, CONTACTS, AND WEDGELOCK INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE IMPLED ALL PROCESS SPECIFICATIONS: SIZE DWG NO: ATM06-3S-KIT01	1 AVM-3S 1 ATM06-3S 1 ATM06-3S 1 PLUG, 3 POSITION, ATM SERIES 1 DESCRIPTION ITEM VALUESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.35 3 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =	

SCALE: NONE

ATM06-3S-KIT01

SHEET 1 OF 1