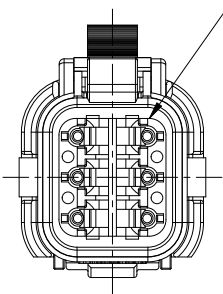
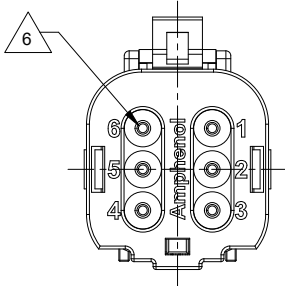
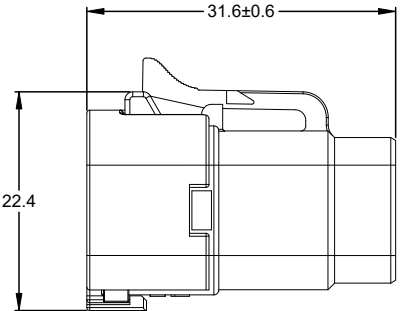
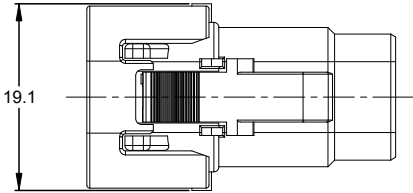
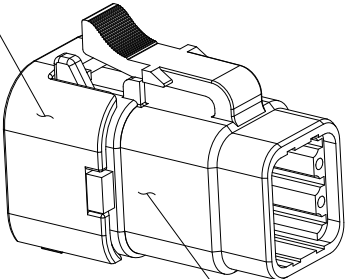


REVISIONS				
REV	ECO	DESCRIPTION	DATE	BY
A1		RELEASE DRAWING	17/AUG/22	SULLEN
A2		ADDED COLORS BLU-ORG TO COLOR CHART	31JUL2023	JAH



REQUIRES CONTACT
RETENTION WEDGE AWM-6S

END CAP - BLACK -
ALL CONNECTORS



STANDARD MOLDED COLOR IS GREY.
ADDITIONAL COLORS SHOWN IN PART NUMBER
CHART ARE AVAILABLE VIA SPECIAL ORDER.

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE PART NUMBER CHART
END CAP: THERMOPLASTIC; COLOR: BLACK
SEAL: SILICONE RUBBER; COLOR: RED
- MODIFICATIONS: SNAP FIT END CAP
- SPECIFICATIONS:
3.1 CURRENT RATING: 7.5 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:
IP68(1M OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION)
IP69K(MATED CONDITION)
3.6 MATING CYCLE DURABILITY: 100 CYCLES
3.7 RoHS COMPLIANT

4. MATING PART: ATM04-6P* RECEPTACLE
(* = MODIFICATIONS AND COLORS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

6 CONTACT SIZE AND REAR SEAL WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE
20	1.35 mm (.053 in)	3.05 mm (.120 in)	16 - 22 AWG (1.5 - 0.35 mm ²)

PART NUMBER CHART	
COLOR	PART NUMBER
GREY	ATM06-6S-SF01
BLACK	ATM06-6S-SF01BLK
BLUE	ATM06-6S-SF01BLU
BROWN	ATM06-6S-SF01BRN
GREEN	ATM06-6S-SF01GRN
RED	ATM06-6S-SF01RED
WHITE	ATM06-6S-SF01WHT
YELLOW	ATM06-6S-SF01YEL
ORANGE	ATM06-6S-SF01ORG

		SEE PART NUMBER CHART			
QUANTITY		PART NUMBER		DESCRIPTION	
				ITEM	
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64 2 PL DEC ±0.15 Angles ±1° 3 PL DEC ±0.08 3) Note reference =  WEIGHT:6.6g PROCESS SPECIFICATIONS: NEXT ASSY:		SIGNATURES		DATE	
		DRAWN: SULLEN ZHANG		17/AUG/22	
		CHECKED: ORION LI		18/AUG/22	
		ENGINEER:			
		APPROVAL: TOMMY XIE		19/AUG/22	
MATERIAL SPECIFICATIONS:		CUSTOMER:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 6 POS, PLUG, SOCKET, ATM SERIES, SNAP FIT	
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 DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.		SIZE: B C-		TYPE: NONE	
		DWG NO: ATM06-6S-SF01XXX		REVISION: A2	
		SHEET 1		OF 1	

TITLE: 6 POS, PLUG, SOCKET, ATM SERIES, SNAP FIT END CAP DWG NO. ATM06-6S-SF01XXX REV. A2 SH. 1 OF 1