



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE DRAWING	17/AUG/22	SULLEN	TOMMY
A2		NOTE 1 - SEAL RETAINER CHANGED TO BLACK	9/NOV/22	JAH	DH
A3		ADDED COLORS BLU-ORG TO COLOR CHART	31JUL2023	JAH	DH

REQUIRES CONTACT
RETENTION WEDGE AWM-6P

END CAP - BLACK -
ALL CONNECTORS

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

PART NUMBER CHART

COLOR	PART NUMBER
GREY	ATM04-6P-SF01
BLACK	ATM04-6P-SF01BLK
BLUE	ATM04-6P-SF01BLU
BROWN	ATM04-6P-SF01BRN
GREEN	ATM04-6P-SF01GRN
RED	ATM04-6P-SF01RED
WHITE	ATM04-6P-SF01WHT
YELLOW	ATM04-6P-SF01YEL
ORANGE	ATM04-6P-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 3 PL DEC ±0.08 Angles ±1° 3) Note reference =		SIGNATURES DRAWN: SULLEN ZHANG CHECKED: ORION LI ENGINEER: APPROVAL: TOMMY XIE CUSTOMER: DATE 17/AUG/22 18/AUG/22 19/AUG/22	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS: WEIGHT: 10.3g		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.	
PROCESS SPECIFICATIONS: NEXT ASSY:		SIZE B C- SCALE NONE	DWG NO. ATM04-6P-SF01XXX REVISION A3
		6 POS, RECEPTACLE, PIN, ATM SERIES, SNAP FIT	
		SHEET 1 OF 1	

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; COLOR: SEE PART NUMBER CHART
SEAL RETAINER: THERMOPLASTIC; COLOR: BLACK
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

- MATING PART: ATM06-6S* PLUG
(* = MODIFICATIONS AND COLORS)

- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY

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)