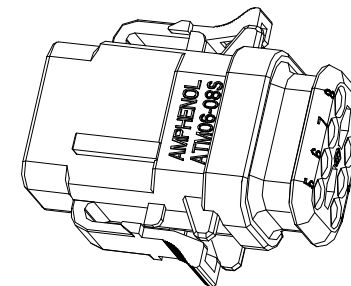
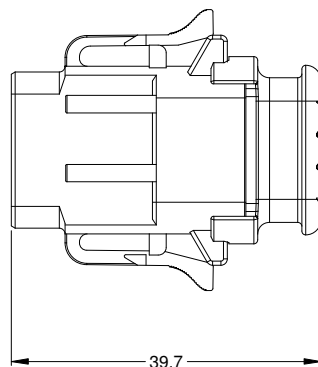
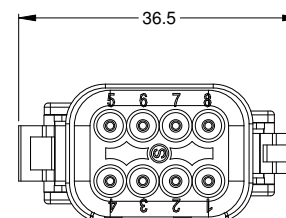
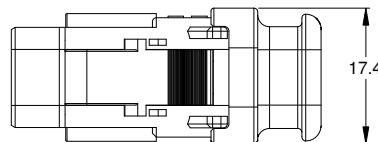
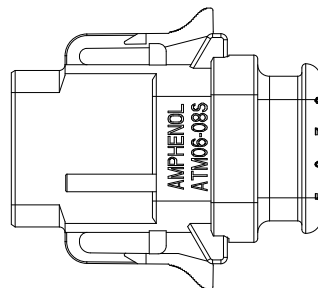
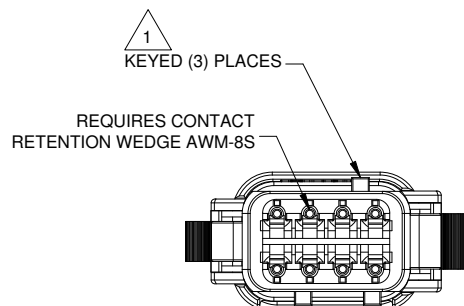


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A3		PERLIMINARY DESIGN	03/NOV/14	ORION	



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:
HOUSING: THERMOPLASTIC
SEAL: SILICONE RUBBER
3. MODIFICATIONS: STRAIN RELIEF END CAP
4. SPECIFICATIONS:
4.1 CURRENT RATING: 7.5 AMPS
4.2 OPERATING TEMPERATURE: -55°C TO +125°C
4.3 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
4.4 INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 25°C.
4.5 MOISTURE RESISTANCE: IP67 (MATED CONDITION)
4.6 MATING CYCLE DURABILITY: 100 CYCLES
4.7 RoHS COMPLIANT

5. MATING PART: ATM04-08PX* RECEPTACLE.
(X = A,B,C,D KEYS; * = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

7 CONTACT SIZE AND REAR SEAL WIRE RANGE:

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

SEE SHEET 2		DESCRIPTION	
QUANTITY	PART NUMBER	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) Note reference =		SIGNATURES DATE DRAWN: ORION/LL 03/NOV/14 CHECKED: ENGINEER: APPROVAL:	
MATERIAL SPECIFICATIONS:		CUSTOMER:	
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 DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.	
NEXT ASSY:		SIZE TYPE DWG NO. REVISION B C- ATM06-08SX-SR1XX 01	
		SCALE: NONE SHEET 1 OF 2	

Technical drawing of a 1000 ml volumetric flask. The flask has a long neck and a bulbous body. A label is affixed to the body, reading "AMPHENOL" and "ATMOG-085". The drawing is a line art representation showing the flask's structure and the label placement.



Technical drawing of a 1000 Series 1/2" NPT Female Adapter. The drawing shows a cylindrical component with a flange at the top and a threaded section at the bottom. The text "AMPHENOL" and "ATM06-085" is printed on the side.

KEY-D CONFIGURATION	
COLOR	PART NUMBER
GREY	ATM06-08SD-SR1G
BLACK	ATM06-08SD-SR1B
GREEN	ATM06-08SD-SR1G
* BROWN	ATM06-08SD-SR1B

OTHER COLORS SHOWN ARE AVAILABLE VIA SPECIAL ORDER.

PART NUMBER		DESCRIPTION		ITEM																																													
<table border="1"> <tr> <td>QUANTITY</td> <td colspan="4">MATERIALS LIST</td> </tr> <tr> <td colspan="2">UNLESS OTHERWISE SPECIFIED</td> <td colspan="2">SIGNATURES</td> <td>DATE</td> </tr> <tr> <td colspan="2"> 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 =  </td> <td colspan="2"> DRAWN: ORION/LI CHECKED: ENGINEER: APPROVAL: </td> <td> 03/NOV/14 </td> </tr> <tr> <td colspan="2">MATERIAL SPECIFICATIONS:</td> <td colspan="3">  Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 </td> </tr> <tr> <td colspan="2">PROCESS SPECIFICATIONS:</td> <td colspan="3"> THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREIN ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS. </td> </tr> <tr> <td colspan="2">NEXT ASSY:</td> <td>SIZE</td> <td>TYPE</td> <td>DWG NO.</td> </tr> <tr> <td colspan="2"></td> <td>B</td> <td>C-</td> <td>ATM06-08SX-SR1XX</td> </tr> <tr> <td colspan="2"></td> <td>SCALE</td> <td colspan="2">NONE</td> </tr> <tr> <td colspan="2"></td> <td>SHEET</td> <td>2</td> <td>OF 2</td> </tr> </table>					QUANTITY	MATERIALS LIST				UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	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 = 		DRAWN: ORION/LI CHECKED: ENGINEER: APPROVAL:		03/NOV/14	MATERIAL SPECIFICATIONS:		 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREIN ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.			NEXT ASSY:		SIZE	TYPE	DWG NO.			B	C-	ATM06-08SX-SR1XX			SCALE	NONE				SHEET	2	OF 2
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Mouser Electronics

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