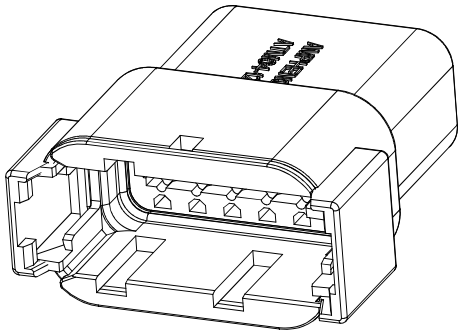
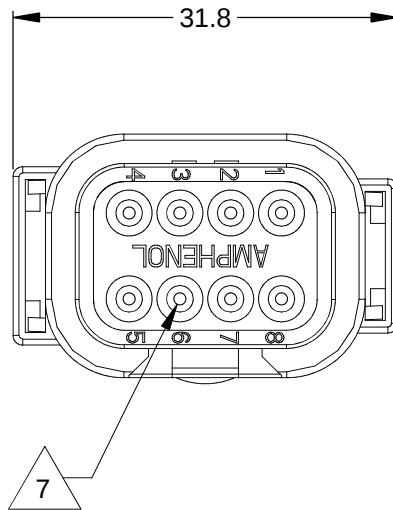
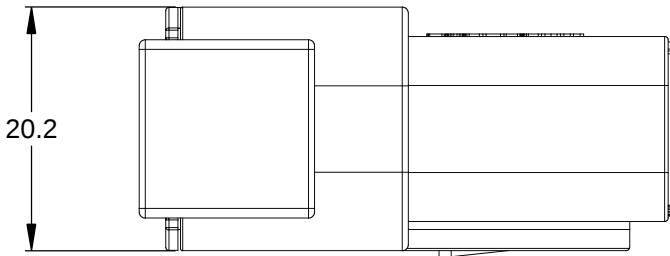
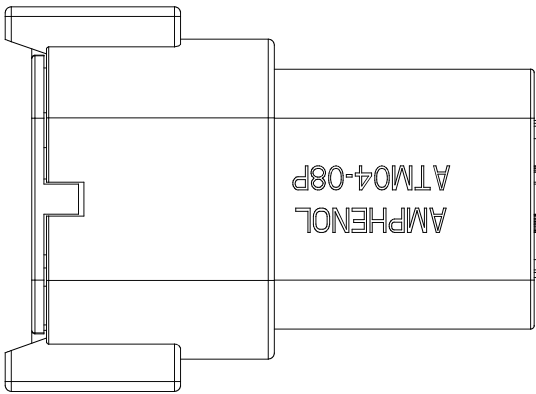
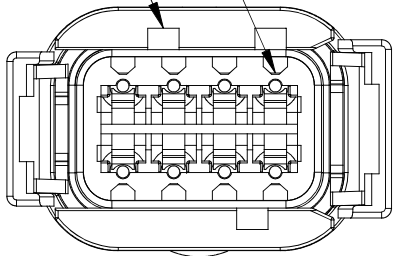


| REVISIONS |     |                        |           |     |      |
|-----------|-----|------------------------|-----------|-----|------|
| REV       | ECO | DESCRIPTION            | DATE      | BY  | APPR |
| A3        | -   | RELEASE NEW DWG FORMAT | 18/JUN/13 | DRP | -    |

REQUIRES CONTACT  
RETENTION WEDGE AWM-8P

1 KEYWAY (3) PLACES



NOTES: UNLESS OTHERWISE SPECIFIED

1 SEE SHEET 2 FOR KEY ARRANGEMENTS AND COLORS.

2. MATERIAL:  
HOUSING: THERMOPLASTIC  
SEAL: SILICONE RUBBER

3. MODIFICATIONS: N/A

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: ATM06-08SX\* PLUG.  
( 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<br>SIZE | MIN. INSUL<br>O.D.   | MAX. INSUL<br>O.D.   | TYPICAL<br>WIRE RANGE |
|-----------------|----------------------|----------------------|-----------------------|
| 20              | 1.35 mm<br>(.053 in) | 3.05 mm<br>(.120 in) | 16 - 22 AWG           |

|                                                                                                                                                                                                                                                                                                           |                |                                                                                                                                         |                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| SEE SHEET 2                                                                                                                                                                                                                                                                                               |                |                                                                                                                                         |                                                          |
| PART NUMBER                                                                                                                                                                                                                                                                                               |                | DESCRIPTION                                                                                                                             |                                                          |
| ITEM                                                                                                                                                                                                                                                                                                      |                |                                                                                                                                         |                                                          |
| QUANTITY                                                                                                                                                                                                                                                                                                  | MATERIALS LIST |                                                                                                                                         |                                                          |
| <div>UNLESS OTHERWISE SPECIFIED</div> <div>1) All dimensions are in metric(mm).</div> <div>2) Tolerances are as follows:</div> <div>1 PL DEC ±0.30</div> <div>2 PL DEC ±0.15</div> <div>3 PL DEC ±0.08</div> <div>Fractions ±1/64</div> <div>Angles ±1°</div> <div>3) Note reference = <div>X</div></div> |                | <div>SIGNATURES</div> <div>DRAWN: D.PARKS</div> <div>CHECKED:</div> <div>ENGINEER:</div> <div>APPROVAL:</div> <div>CUSTOMER:</div>      | <div>DATE</div> <div>18/JUN/13</div>                     |
| <div>MATERIAL SPECIFICATIONS:</div>                                                                                                                                                                                                                                                                       |                | <div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com</div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> |                                                          |
| <div>PROCESS SPECIFICATIONS:</div>                                                                                                                                                                                                                                                                        |                | <div>RECEPTACLE, KEYED, 8 PIN, ATM SERIES</div>                                                                                         |                                                          |
| <div>NEXT ASS'Y:</div>                                                                                                                                                                                                                                                                                    |                | <div>SIZE</div> <div>B C-</div>                                                                                                         | <div>REVISION</div> <div>A3</div>                        |
|                                                                                                                                                                                                                                                                                                           |                | <div>DWG NO:</div> <div>ATM04-08PX-XXX</div>                                                                                            |                                                          |
|                                                                                                                                                                                                                                                                                                           |                | <div>SCALE:</div> <div>NONE</div>                                                                                                       | <div>SHEET</div> <div>1</div> <div>OF</div> <div>2</div> |



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