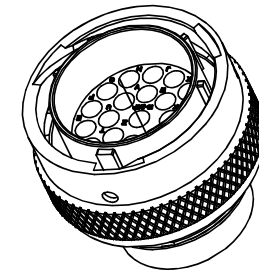
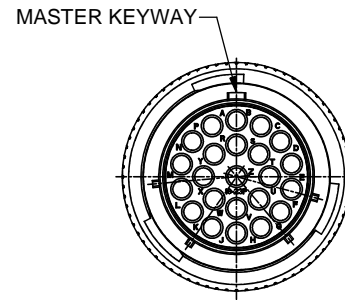
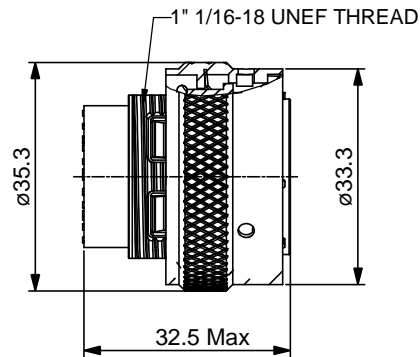


| REVISIONS |     |                  |             |     |       |
|-----------|-----|------------------|-------------|-----|-------|
| REV       | ECO | DESCRIPTION      | DATE        | BY  | APPR  |
| B1        | -   | RELEASED DRAWING | JUN-28-2014 | BEN | TOMMY |



# NOTES : (UNLESS OTHERWISE SPECIFIED)

## 1. MATERIAL :

SHELL : ZINC ALLOY , NICKEL PLATED.  
 INSERT : THERMOPLASTIC , UL94 V-0.  
 COUPLING NUT : AL ALLOY , NICKEL PLATED.  
 WAVE WASHER : STAINLESS STEEL.  
 O-RING : NBR.

## 2. SPECIFICATIONS :

- 2.1 RATED CURRENT : 13A (MAX).
- 2.2 RATED VOLTAGE : 300V ( AC/DC ) .
- 2.3 OPERATING TEMPERATURE : -40°C ~ +105°C.
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@2000 VOLTS AC.
- 2.5 INSULATION RESISTANCE : 5000 MEGOHMS MIN.
- 2.6 IP-CLASS : IP67.
- 2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.
- 2.8 ROHS COMPLIANT.

## 3. SUITABLE CONTACTS : 16# CONTACTS.

## 4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| KEY POS | PART NUMBER |
|---------|-------------|
| N       | RT061823PNH |
| W       | RT061823PWH |
| X       | RT061823PXH |
| Y       | RT061823PYH |
| Z       | RT061823PZH |

|   |             |   |                                     |
|---|-------------|---|-------------------------------------|
| SEE PART NUMBER CHART   |             |   |                                     |
| QUANTITY  | PART NUMBER | DESCRIPTION   | ITEM                                |
| MATERIALS LIST  |             |   |                                     |
| UNLESS OTHERWISE SPECIFIED<br>1) All dimensions are in metric(mm).<br>2) Tolerances are as follows:<br>1 PL DEC ±0.30   Fractions ±1/64<br>2 PL DEC ±0.15   Angles ±1°<br>3 PL DEC ±0.08<br>3) Note reference = |             | <b>SIGNATURES</b> <b>DATE</b><br>DRAWN: BEN    JUN-28-2014<br>CHECKED: _____<br>ENGINEER: _____<br>APPROVAL: _____<br>CUSTOMER: _____ |                                     |
| MATERIAL SPECIFICATIONS:  |             | <b>Amphenol</b><br>Sine Systems - www.amphenol-sine.com<br>44724 Morley Drive<br>Clinton Township, MI 48036                           |                                     |
| PROCESS SPECIFICATIONS:   |             | ECO-MATE, PLUG,<br>SIZE 18,23POS, SOCKET.   |                                     |
| NEXT ASSY:  |             | SIZE: B C-<br>SCALE: NONE   | DWG NO: RT061823P*H<br>REVISION: B1 |
|   |             | SHEET 1   | OF 1                                |