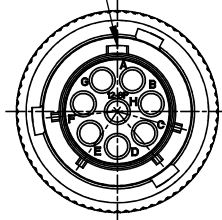
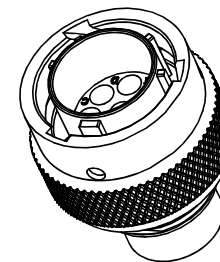
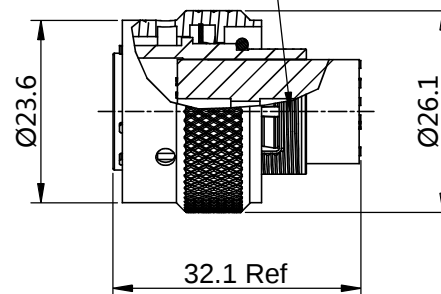


MASTER KEYWAY



11/16-24 UNEF THREAD



**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.**

**REVISIONS**

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

| KEY POS | PART NUMBER |
|---------|-------------|
| N       | RT06128PNH  |
| W       | RT06128PWH  |
| X       | RT06128PXH  |
| Y       | RT06128PYH  |
| Z       | RT06128PZH  |

|                                                                                                                                                                                                             |             |                                                                                                             |                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------|------------------------------------|
| SEE PART NUMBER CHART                                                                                                                                                                                       |             |                                                                                                             |                                    |
| QUANTITY                                                                                                                                                                                                    | PART NUMBER | DESCRIPTION                                                                                                 | ITEM                               |
| <b>MATERIALS LIST</b>                                                                                                                                                                                       |             |                                                                                                             |                                    |
| 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><br>DRAWN: BEN<br>CHECKED:<br>ENGINEER:<br>APPROVAL:<br>DATE: JUN-28-2014                  |                                    |
| 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 12, 8POS, PIN.                                                                      |                                    |
| NEXT ASSY:                                                                                                                                                                                                  |             | SIZE: B C-<br>SCALE: NONE                                                                                   | DWG NO: RT06128P*H<br>REVISION: B1 |

TITLE: ECO-MATE, PLUG, SIZE 12, 8POS, PIN

DWG NO: RT06128P\*H

REV: B1

SH: 1

OF: 1