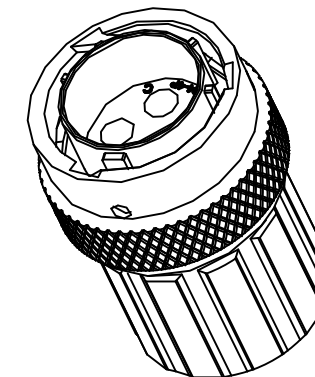
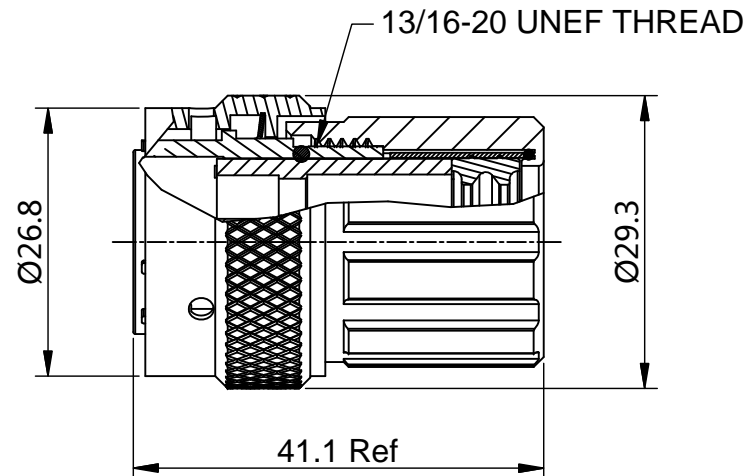
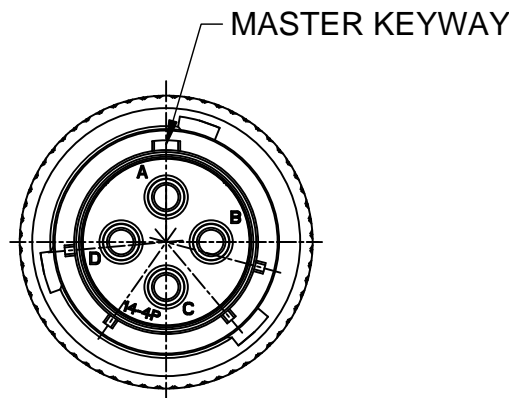


| REVISIONS | | | | | |
|-----------|-----|------------------|-------------|-----|-------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| B1 | - | RELEASED DRAWING | Nov-23-2014 | Ben | Tommy |



NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :

- SHELL : ZINC ALLOY , NICKEL PLATED.
- INSERT : THERMOPLASTIC , UL94 V-0.
- END CAP : THERMOPLASTIC , UL94 V-0.
- COUPLING NUT : AL ALLOY , NICKEL PLATED.
- WAVE WASHER : STAINLESS STEEL .
- O-RING : NBR/SILICONE RUBBER.
- WIRE SEAL : SILICONE RUBBER.
- PLASTIC BUSHING : THERMOPLASTIC,UL94 V-0.

2. SPECIFICATIONS :

- 2.1 RATED CURRENT : 23A (MAX).
- 2.2 RATED VOLTAGE : 350V (AC/DC) .
- 2.3 OPERATING TEMPERATURE : SEE CHART.
- 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 : 2.5mm CONTACTS.

4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

5. CONTACT SIZE AND REAR SEAL WIRE RANGE:

| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | WIRE RANGE |
|--------------|-----------------|-----------------|------------|
| 2.5mm | Ø3.3mm | Ø4.3mm | 14-12AWG |

| KEY POS | PART NUMBER | |
|---------|---------------|----------------|
| | -40°C ~ 105°C | -40°C ~ 125°C |
| N | RT06144PNHEC | RT06144PNHEC03 |
| W | RT06144PWHEC | RT06144PWHEC03 |
| X | RT06144PXHEC | RT06144PXHEC03 |
| Y | RT06144PYHEC | RT06144PYHEC03 |
| Z | RT06144PZHEC | RT06144PZHEC03 |

| QUANTITY | SEE PART NUMBER 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 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = | | SIGNATURES DRAWN: Ben CHECKED: ENGINEER: APPROVAL: | DATE Nov-23-2014 |
| MATERIAL SPECIFICATIONS: | | Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 | |
| PROCESS SPECIFICATIONS: | | ECO-MATE, PLUG, SIZE 14,4POS,PIN,END CAP. | |
| NEXT ASSY: | | SIZE: B C- TYPE: NONE DWG NO: RT06144P*HEC* REVISION: B1 | SHEET 1 OF 1 |

TITLE: ECO-MATE,PLUG,SIZE 14,4POS,PIN,END CAP. DWG NO: RT06144P*HEC* REV: B1 SH: 1 OF: 1

ecomate® RM/RSSM/Aquarius™ - Contact Size 12 Options

| Crimp Contacts, Machined | | | | |
|--------------------------|--------|-----|-------------------------------|---------|
| Part Number | | AWG | Wire Range (mm ²) | Plating |
| Male | Female | | | |
| N/A | | | | |

| Crimp Contacts, Stamped & Formed | | | | |
|----------------------------------|---------|-------|-------------------------------|---------|
| Part Number | | AWG | Wire Range (mm ²) | Plating |
| Male | Female | | | |
| SP12A1T | SS12A1T | 14-12 | 2.5-3.5 | Tin |

| Tooling, Machined | |
|-------------------|-------------|
| Part Number | Description |
| N/A | N/A |
| N/A | N/A |

| Tooling, Stamped & Formed | |
|---------------------------|----------------------------------------------------|
| Part Number | Description |
| QXRT12S | Contact Extraction Tool, 2.5mm Contact |
| MF3-3962 | Hand Tool, Stamped & Formed Contact, 2.5mm Contact |

| Plating Options, All | |
|----------------------|---------|
| Symbol | Plating |
| N/A | N/A |

| Misc Tooling, All | |
|-------------------|-----------------------|
| Part Number | Description |
| CA-4012-59 | Sealing Plug, Size 12 |

| Standard Quantity Order Options | |
|---------------------------------|-------------------|
| Machined | Stamped & Formed |
| N/A | Reel, 1000 Pieces |

单击下面可查看定价，库存，交付和生命周期等信息

[>>Amphenol\(安费诺\)](#)