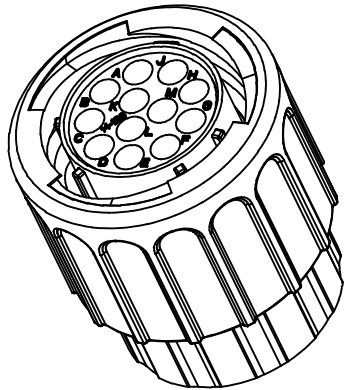
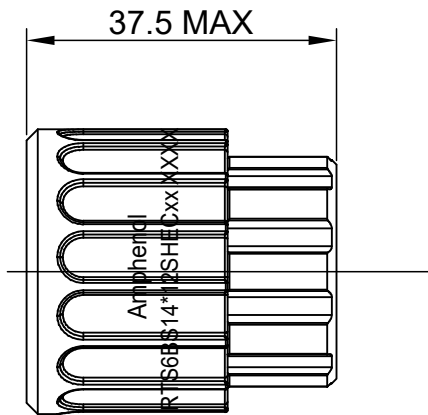
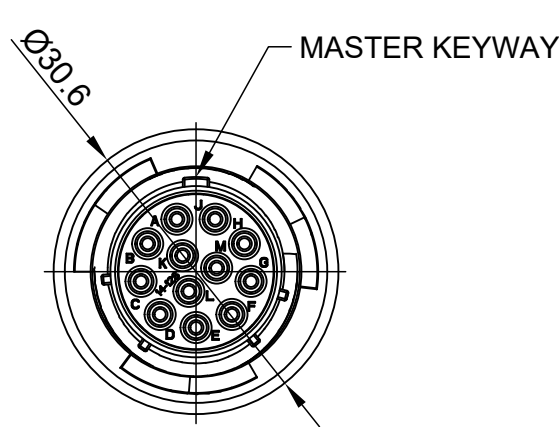


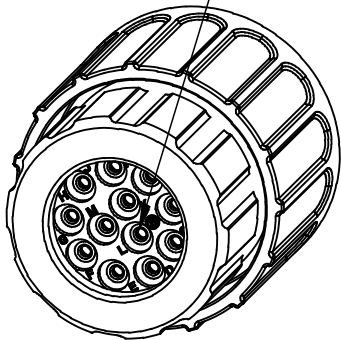
| REVISIONS |     |                  |             |       |       |
|-----------|-----|------------------|-------------|-------|-------|
| REV       | ECO | DESCRIPTION      | DATE        | BY    | APPR  |
| A1        | --  | RELEASED DRAWING | JUN-14-16   | JARRY | TOMMY |
| A2        | --  | UPDATE NOTES     | Jun-22-2017 | Nick  | TOMMY |
| A3        | --  | UPDATE DRAWING   | Mar-20-2018 | White | Tommy |



NOTES : (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL :  
SHELL : THERMOPLASTIC , UL94 V-0.  
INSERT : THERMOPLASTIC , UL94 V-0.  
COUPLING NUT : THERMOPLASTIC , UL94 V-0.  
O-RING : NBR OR SILICONE RUBBER.  
WASHER : SILICONE RUBBER.  
END CAP : THERMOPLASTIC , UL94 V-0.  
PLASTIC RING : THERMOPLASTIC , UL94 V-0.  
WIRE SEAL: SILICONE RUBBER.
2. SPECIFICATIONS :  
2.1 RATED CURRENT : 13A (MAX).  
2.2 RATED VOLTAGE : 500V(AC/DC).  
2.3 OPERATING TEMPERATURE : SEE TABLE.  
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 AND IP69K IN THE MATED CONDITION,  
WIRE SEALS FULLY POPULATED.  
2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.  
2.8 RoHS COMPLIANT.
3. SUITABLE CONTACTS : 16# CONTACT.
4. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

SEALING PLUGS CAN BE  
PURCHASED SEPARATELY



| KEY | PART NUMBER     |                   |
|-----|-----------------|-------------------|
|     | -40°C ~ 105°C   | -40°C ~ 125°C     |
| N   | RTS6BS14N12SHEC | RTS6BS14N12SHEC03 |

5. CONTACT SIZE AND REAR SEAL WIRE RANGE :

| CONTACT<br>SIZE | MIN. INSUL<br>O.D. | MAX. INSUL<br>O.D. | WIRE<br>RANGE |
|-----------------|--------------------|--------------------|---------------|
| 16#             | Ø2.0MM             | Ø3.2MM             | 14 - 24AWG    |

| 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<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08<br>3) Note reference = |             | SIGNATURES                                                                                                                                                                                                                                                           | DATE                                     |
|                                                                                                                                                                                  |             | DRAWN: White                                                                                                                                                                                                                                                         | Mar-20-2018                              |
|                                                                                                                                                                                  |             | CHECKED: Tod                                                                                                                                                                                                                                                         | Mar-20-2018                              |
|                                                                                                                                                                                  |             | ENGINEER:                                                                                                                                                                                                                                                            |                                          |
|                                                                                                                                                                                  |             | APPROVAL: Tommy                                                                                                                                                                                                                                                      | Mar-20-2018                              |
| 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:                                                                                                                                                                       |             |                                                                                                                                                                                                                                                                      |                                          |
|                                                                                                                                                                                  |             |                                                                                                                                                                                                                                                                      |                                          |
|                                                                                                                                                                                  |             | Sine Systems - www.amphenol-sine.com<br>44724 Morley Drive<br>Clinton Township, MI 48036                                                                                                                                                                             |                                          |
|                                                                                                                                                                                  |             | ECO-MATE,PLUG,END CAP,<br>SIZE 14,12POS,SOCKET                                                                                                                                                                                                                       |                                          |
|                                                                                                                                                                                  |             | SIZE B C-<br>SCALE: NONE                                                                                                                                                                                                                                             | DWG NO: RTS6BS14*12SHECxx<br>REVISION A3 |
|                                                                                                                                                                                  |             | SHEET 1 OF 1                                                                                                                                                                                                                                                         |                                          |