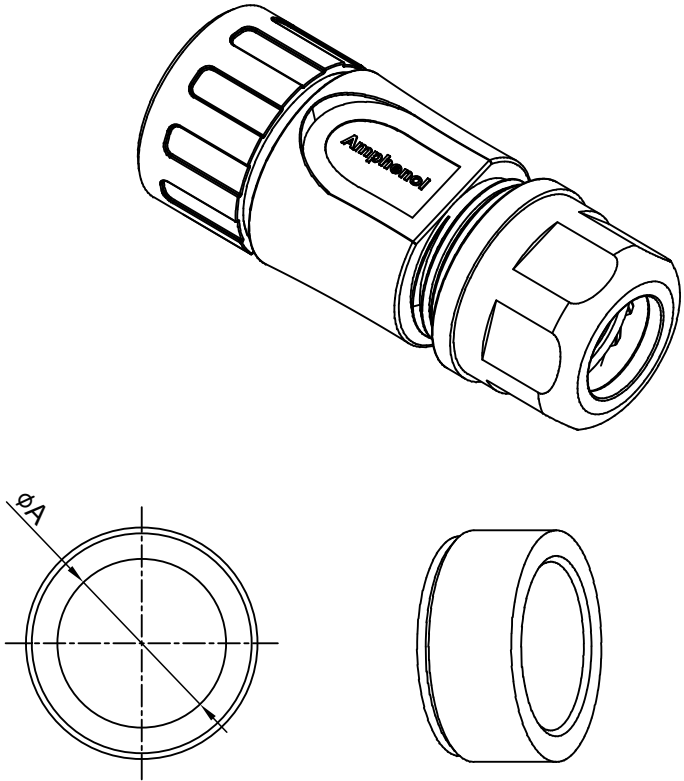
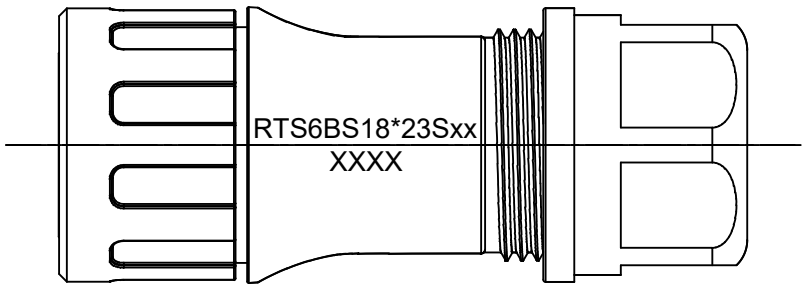
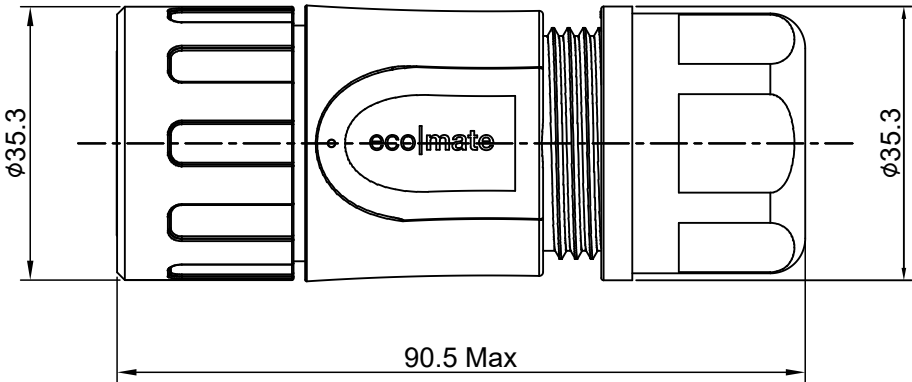
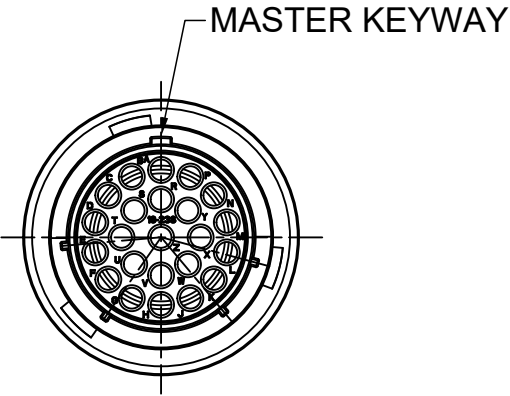




- NOTES : (UNLESS OTHERWISE SPECIFIED)
- MATERIAL :  
SHELL : THERMOPLASTIC , UL94 V-0.  
INSERT : THERMOPLASTIC , UL94 V-0.  
COUPLING NUT : THERMOPLASTIC , UL94 V-0.  
O-RING : NBR/SILICONE RUBBER.  
WASHER: SILICONE RUBBER.  
BACK SHELL : THERMOPLASTIC , UL94 V-0.  
CLAMP NUT : THERMOPLASTIC , UL94 V-0.  
CLAMP RING : THERMOPLASTIC , UL94 V-0.  
CABLE SEAL : EPDM.
  - 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.  
2.7 MATING CYCLES DURABILITY : 500 CYCLES MIN.  
2.8 RoHS COMPLIANT.
  - SUITABLE CONTACTS : 16# CONTACT.
  - ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| DIMENSION $\phi A$ | CABLE OD RANGE |
|--------------------|----------------|
| 16.5 MM            | 10.0-16.0 MM   |
| 18.5 MM            | 12.0-18.0 MM   |

| KEY | PART NUMBER    |                |
|-----|----------------|----------------|
|     | -40°C ~ +105°C | -40°C ~ +125°C |
| N   | RTS6BS18N23S   | RTS6BS18N23S03 |

| QUANTITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | PART NUMBER |                                                                                                                                                                                                                                                                      | DESCRIPTION |                | ITEM                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> <div>MATERIAL SPECIFICATIONS:</div> <div>PROCESS SPECIFICATIONS:</div> <div>NEXT ASSY:</div> |             | SIGNATURES                                                                                                                                                                                                                                                           |             | DATE           | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a></div> <div>44724 Morley Drive</div> <div>Clinton Township, MI 48036</div> <div>ECO-MATE,PLUG,BACK SHELL,</div> <div>SIZE 18,23POS,SOCKET.</div> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | DRAWN: White                                                                                                                                                                                                                                                         |             | Mar-21-2018    |                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | CHECKED: Tod                                                                                                                                                                                                                                                         |             | Mar-21-2018    |                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | ENGINEER:                                                                                                                                                                                                                                                            |             |                |                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | APPROVAL: Tommy                                                                                                                                                                                                                                                      |             | Mar-21-2018    |                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | CUSTOMER:                                                                                                                                                                                                                                                            |             |                |                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | 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. |             |                |                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | SIZE                                                                                                                                                                                                                                                                 | TYPE        | DWG NO:        | REVISION                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | B                                                                                                                                                                                                                                                                    | C-          | RTS6BS18*23Sxx | A4                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |             | SCALE:                                                                                                                                                                                                                                                               | NONE        |                | SHEET 1 OF 1                                                                                                                                                                                                                                             |

| REVISIONS |     |                       |             |       |       |
|-----------|-----|-----------------------|-------------|-------|-------|
| REV       | ECO | DESCRIPTION           | DATE        | BY    | APPR  |
| A1        | --  | RELEASED DRAWING      | Dec-26-2016 | Ben   | Tommy |
| A2        | --  | UPDATE NOTES          | Jul-06-2017 | Nick  | Tommy |
| A3        | --  | UPDATE CABLE OD RANGE | Aug-24-2017 | Nick  | Tommy |
| A4        | --  | UPDATE DRAWING        | Mar-21-2018 | White | Tommy |

TITLE: ECO-MATE,PLUG,BACK SHELL,SIZE 18,23POS,SOCKET. DWG NO: RTS6BS18\*23Sxx REV: A4 SH: 1 OF: 1