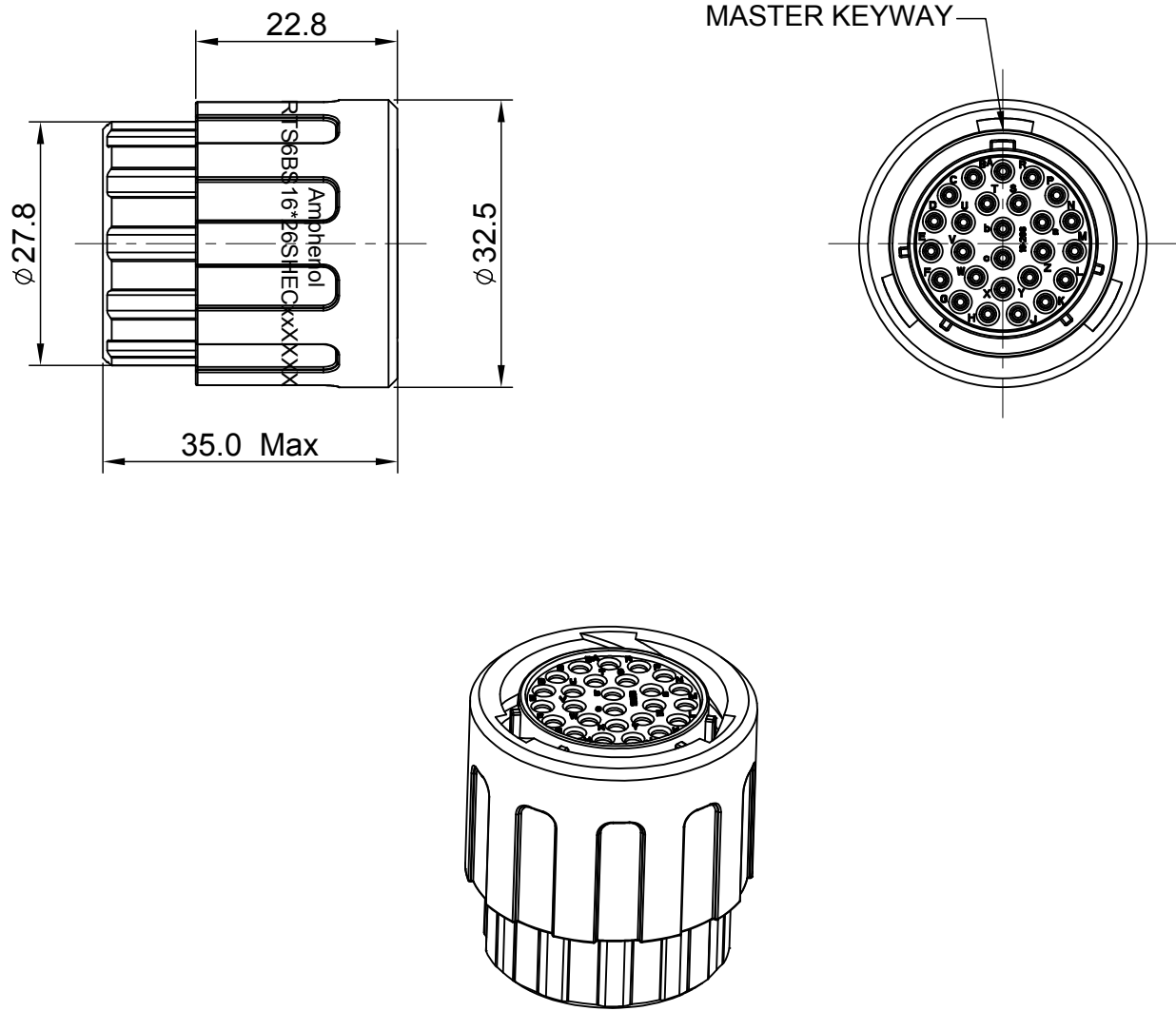




| KEY | PART NUMBER     |                   |
|-----|-----------------|-------------------|
|     | -40°C ~ 105°C   | -40°C ~ 125°C     |
| N   | RTS6BS16N26SHEC | RTS6BS16N26SHEC03 |

| REVISIONS |     |                |             |      |       |
|-----------|-----|----------------|-------------|------|-------|
| REV       | ECO | DESCRIPTION    | DATE        | BY   | APPR  |
| A1        | --  | FIRST RELEASED | Mar-26-2017 | Ben  | Tommy |
| A2        | --  | UPDATE NOTES   | Jul-03-2017 | Nick | Tommy |

- NOTES : (UNLESS OTHERWISE SPECIFIED)
- 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.  
FIXED RUBBER: NBR.  
END CAP : THERMOPLASTIC , UL94 V-0.  
PLASTIC RING : THERMOPLASTIC , UL94 V-0.  
WIRE SEAL : SILICONE RUBBER.
  - SPECIFICATIONS :
    - RATED CURRENT :
      - STAMPED CONTACT 5A (MAX).
      - MACHINED CONTACT 7.5A(MAX).
    - RATED VOLTAGE : 250V ( AC/DC ) .
    - OPERATING TEMPERATURE : SEE TABLE.
    - DIELECTRIC WITHSTANDING VOLTAGE : LESS THAN 2 MILLIAMPS CURRENT LEAKAGE@1500 VOLTS AC.
    - INSULATION RESISTANCE : 5000 MEGOHMS MIN.
    - IP-CLASS : IP67 AND IP69K.
    - MATING CYCLES DURABILITY : 500 CYCLES MIN.
    - RoHS COMPLIANT.
  - SUITABLE CONTACTS : 20# CONTACT.
  - ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
  - CONTACT SIZE AND REAR SEAL WIRE RANGE :

| CONTACT SIZE | MIN. INSUL O.D. | MAX. INSUL O.D. | WIRE RANGE |
|--------------|-----------------|-----------------|------------|
| 20#          | Ø 1.6mm         | Ø 2.6mm         | 20-30AWG   |

| 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 = |                                                     | SIGNATURES    DATE<br>DRAWN: Nick    Jul-03-2017<br>CHECKED: Tod    Jul-03-2017<br>ENGINEER:<br>APPROVAL: Tommy    Jul-03-2017<br>CUSTOMER:<br><br>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. | <br>Sine Systems - www.amphenol-sine.com<br>44724 Morley Drive<br>Clinton Township, MI 48036 |
| MATERIAL SPECIFICATIONS:                                                                                                                                                                                          | ECO-MATE,PLUG,END CAP, 26POS,SOCKET CONTACT,SIZE 16 |                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |
| PROCESS SPECIFICATIONS:                                                                                                                                                                                           | SIZE B                                              | TYPE C                                                                                                                                                                                                                                                                                                                                                                                                                  | DWG NO: RTS6BS16*26SHECxx                                                                    |
| NEXT ASSY:                                                                                                                                                                                                        | SCALE NONE                                          | SHEET 1                                                                                                                                                                                                                                                                                                                                                                                                                 | OF 1                                                                                         |

TITLE: ECO-MATE,PLUG,END CAP,26POS,SOCKET CONTACT,SIZE 16  
DWG NO: RTS6BS16\*26SHECxx  
REV: A2  
SH: 1  
OF: 1