

| REVISIONS | | | | | |
|-----------|-----|------------------|----------|----|------|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | - | RELEASED DRAWING | 9/1/2021 | RO | RO |

ASSEMBLED VIEW

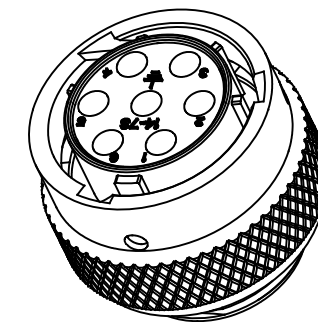
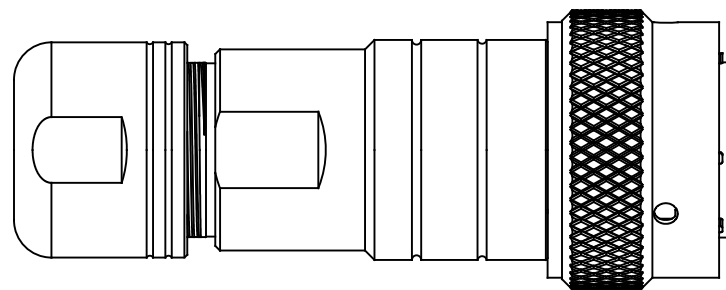
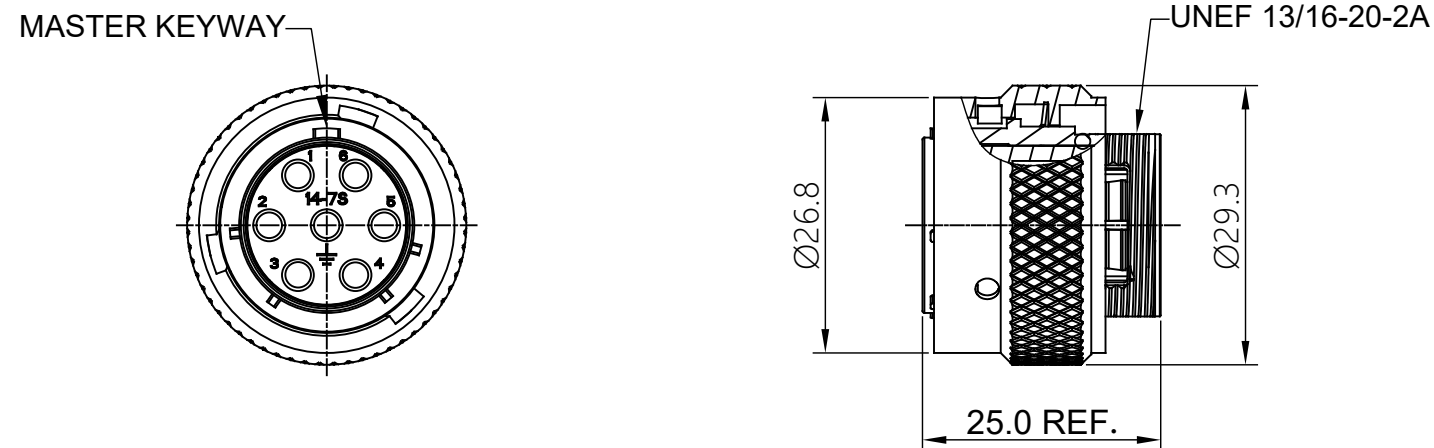
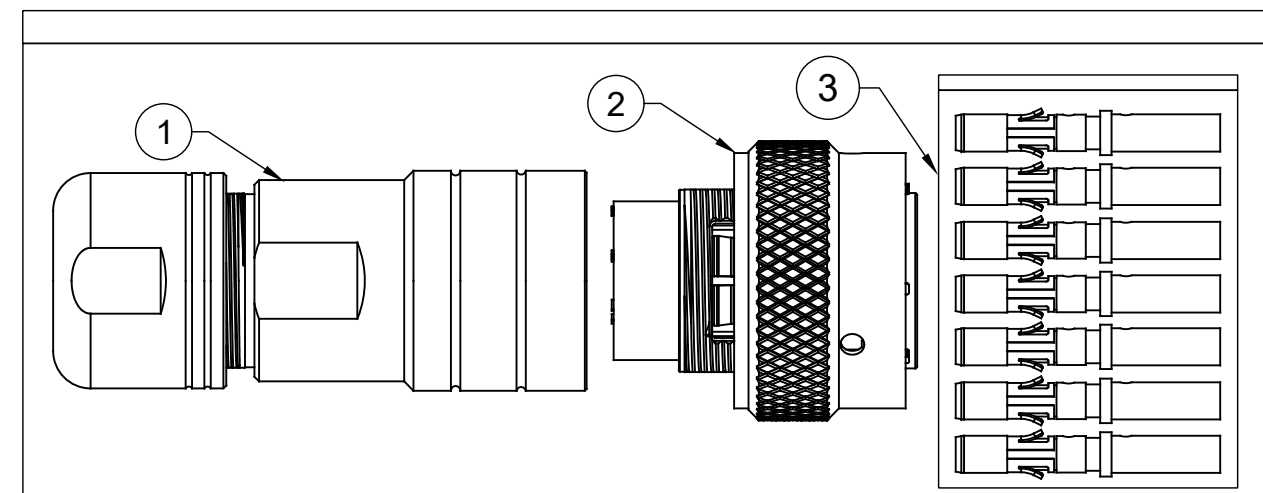


ILLUSTRATION: COMPLETE KIT



NOTES: (UNLESS OTHERWISE SPECIFIED)

- MATERIAL:
 - SHELL: ZINC ALLOY, NICKEL PLATED.
 - INSERT: THERMOPLASTIC, UL94 V-0.
 - COUPLING NUT: AL ALLOY, NICKEL PLATED.
 - O-RING: NBR/SILICONE RUBBER.
 - WAVE WASHER: STAINLESS STEEL.
- SPECIFICATIONS:
 - 2.1 RATED CURRENT: 13A (MAX).
 - 2.2 RATED VOLTAGE: 500V (AC/DC).
 - 2.3 OPERATING TEMPERATURE: -40C TO +105C.
 - 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 (IN MATED CONDITION).
 - 2.7 MATING CYCLES DURABILITY: 500 CYCLES MIN.
 - 2.8 RoHS COMPLIANT.
- SUITABLE CONTACTS : 16# CONTACTS.
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| QUANTITY | PART NUMBER | DESCRIPTION | ITEM |
|----------|---------------|-----------------------------|------|
| 7 | MS16M23F | SKT,SIZE16,16-18AWG,GOLD | 3 |
| 1 | RT06147SNH | PLUG,FEMALE,14-7 | 2 |
| 1 | RT0L-14CG-NS1 | CORD GRIP,SHELL 14,6.5-10MM | 1 |

| 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 3) Note reference = | | SIGNATURES | DATE |
| MATERIAL SPECIFICATIONS: | | DRAWN: RO | 9/1/2021 |
| PROCESS SPECIFICATIONS: | | CHECKED: RO | 9/1/2021 |
| NEXT ASSY: | | ENGINEER: RO | |
| | | APPROVAL: RO | 9/1/2021 |
| | | CUSTOMER: | |
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| SIZE | TYPE | DWG NO. | REVISION |
| B | C- | RT06147SNH-K | A1 |
| SCALE: | NONE | RT06147SNH-K | SHEET 1 OF 1 |

TITLE: ECO-MATE KIT, PLUG, SIZE 14, 7POS, SOCKET. DWG NO.: RT06147SNH-K REV: A1 SH: 1 OF: 1