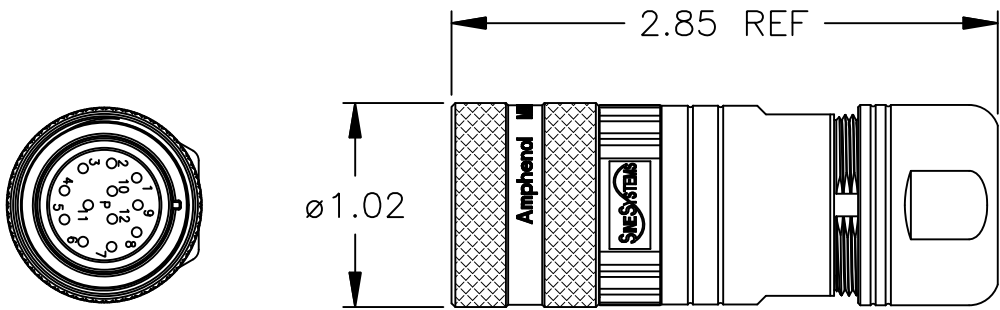


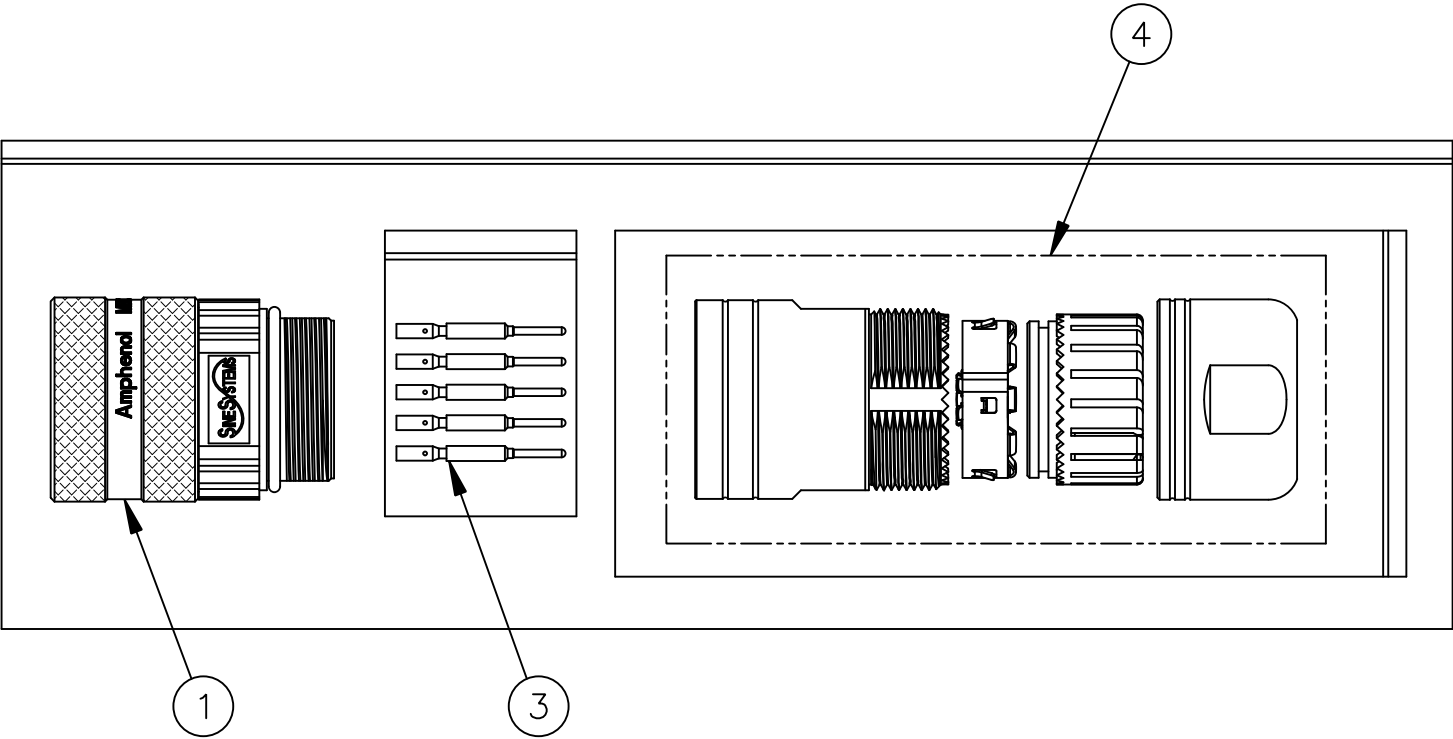
| REVISIONS |     |                  |      |    |      |
|-----------|-----|------------------|------|----|------|
| REV       | ECO | DESCRIPTION      | DATE | BY | APPR |
| 01        | —   | CUSTOMER DRAWING | —    | —  | —    |



ASSEMBLED VIEW

NOTES:

- CORD GRIP RANGE: 7.5mm TO 11mm
- CONTACT BARREL RANGE: 18AWG TO 22AWG
- RECOMMENDED CRIMP TOOLS:  
HAND CRIMPER: AFM8 AND SK2/2  
PNEUMATIC CRIMPER: WA22 AND SK2/2
- EXTRACTION TOOL: 50–54931–1
- ASSEMBLY INSTRUCTIONS: S3–15225
- MATERIALS:  
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED  
COUPLING NUT: BRASS, NICKEL PLATED  
INSULATION INSERT: PA66, UL94/V–0  
CONTACT: BRASS, GOLD PLATED  
SEALS: DUPONT VITON
- ELECTRICAL DATA:
  - CURRENT (MAX): 10A
  - VOLTAGE (MAX): 160V AC/DC
  - CONTACT RESISTANCE: <5 mOHMS
  - TEST VOLTAGE (BETWEEN CONTACTS): 2500V
  - DEGREE OF PROTECTION: 3 PER UL840
  - OVERVOLTAGE CATEGORY: III PER UL840
- TEMPERATURE RANGE: –20°C TO 130°C
- PROTECTION: IP67 (MATED CONDITION)
- MATING CYCLES: >50



| 1        | MA3CG–S2    | CORD GRIP, 7.5–11mm  | 3    |
|----------|-------------|----------------------|------|
| 12       | SC000035    | CONTACT, PIN, Ø1.0mm | 2    |
| 1        | MA1CAP1200  | CONNECTOR            | 1    |
| QUANTITY | PART NUMBER | DESCRIPTION          | ITEM |

MATERIALS LIST

|                                      |  |  |  |         |  |
|--------------------------------------|--|--|--|---------|--|
| UNLESS OTHERWISE SPECIFIED           |  | SIGNATURES   |  | DATE    |  |
| 1) All dimensions are in metric(mm). |  | DRAWN: MRF   |  | 10SEP13 |  |
| 2) Tolerances are as follows:        |  | CHECKED:   |  |         |  |
| 1 PL DEC ±0.30                       |  | Fractions ±1/64  |  |         |  |
| 2 PL DEC ±0.15                       |  | Angles ±1°   |  |         |  |
| 3 PL DEC ±0.08                       |  | ENGINEER:  |  |         |  |
| 3) Note reference =                  |  | APPROVAL:  |  |         |  |
| 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:                           |  |  |  |         |  |

|   |      |                 |  |              |
|---|------|-----------------|--|--------------|
| <h1>Amphenol</h1>   |      |                 |  |              |
| Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a> |      |                 |  |              |
| 44724 Morley Drive  |      |                 |  |              |
| Clinton Township, MI 48036  |      |                 |  |              |
| KIT, M23  |      |                 |  |              |
| SIZE  | TYPE | DWG NO:         |  | REVISION     |
| B   | C-   | MA1CAP1200M-KIT |  | 01           |
| SCALE: NONE   |      |                 |  | SHEET 1 OF 1 |