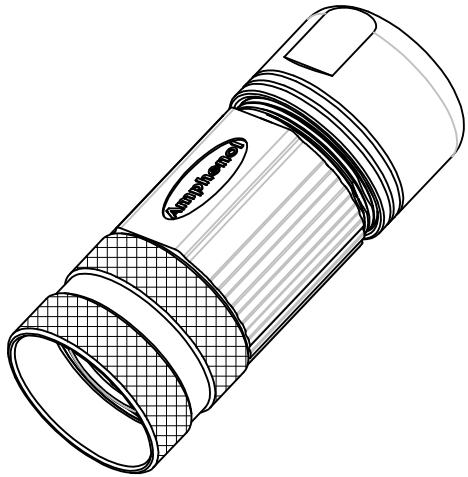
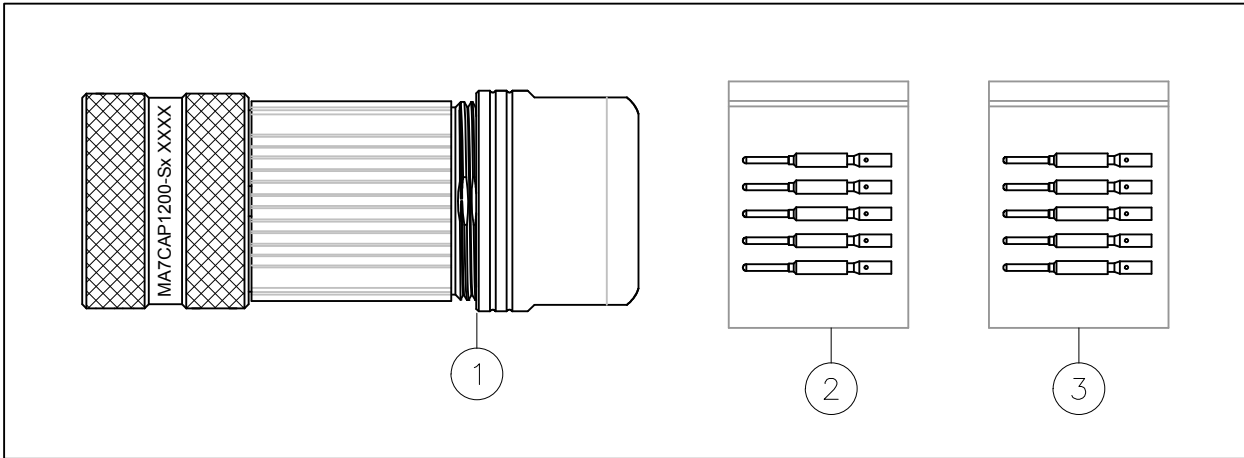
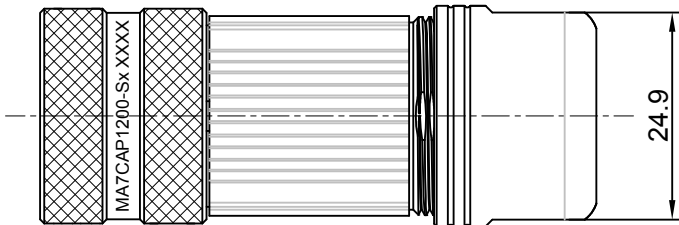
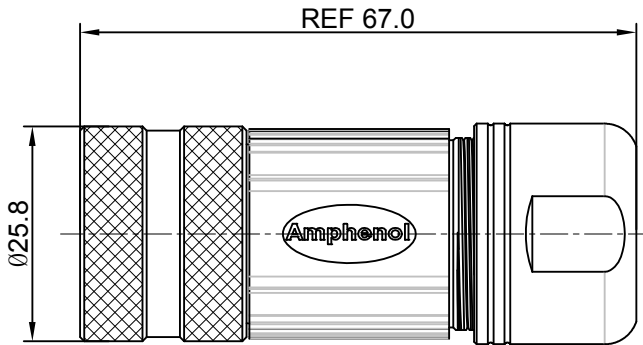
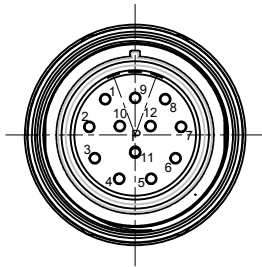




P type, Normal Key  
(P型, 0转位角)



| REVISIONS |     |               |             |       |       |
|-----------|-----|---------------|-------------|-------|-------|
| REV       | ECO | DESCRIPTION   | DATE        | BY    | APPR  |
| A1        | -   | FIRST RELEASE | Oct.30,2017 | White | Tommy |

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:  
INSULATION INSERT: PA66,UL94 V0  
SEAL: VITON, EPDM  
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED  
COUPLING NUT: COPPER ALLOY, NICKEL PLATED  
CONTACT: COPPER ALLOY, GOLD PLATED
2. SPECIFICATIONS:  
2.1 CURRENT RATING: 10 AMPS  
2.2 VOLTAGE RATING: 160 V AC/DC  
2.3 CONTACT RESISTANCE: <5 mOHMS  
2.4 OPERATING TEMPERATURE: -20°C TO +130°C  
2.5 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 2500 VOLTS AC.  
2.6 DEGREE OF PROTECTION: IP67 ( MATED CONDITION )  
2.7 DEGREE OF POLLUTION: 3 PER UL840  
2.8 OVERVOLTAGE CATEGORY: III PER UL840  
2.9 MATING CYCLE DURABILITY: >500 CYCLES  
2.10 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| Item | Part number       | Connector P/N | Cable OD Range |
|------|-------------------|---------------|----------------|
| 1    | MA7CAP1200-S1-KIT | MA7CAP1200-S1 | 4.5~7.5 mm     |
| 2    | MA7CAP1200-S2-KIT | MA7CAP1200-S2 | 7.5~11.0 mm    |
| 3    | MA7CAP1200-S3-KIT | MA7CAP1200-S3 | 11.0~15.0 mm   |

| 12       | SC000146      | CONTACT, PIN, Ø1.0mm ,Crimp 28~24AWG | 3    |
|----------|---------------|--------------------------------------|------|
| 12       | SC000035      | CONTACT, PIN, Ø1.0mm, Crimp 22~18AWG | 2    |
| 1        | MA7CAP1200-Sx | CONNECTOR                            | 1    |
| QUANTITY | PART NUMBER   | DESCRIPTION                          | ITEM |

UNLESS OTHERWISE SPECIFIED  
1) All dimensions are in metric(mm).  
2) Tolerances are as follows:  
1 PL DEC ±0.30    Fractions ±1/64  
2 PL DEC ±0.15    Angles ±1°  
3 PL DEC ±0.08  
3) Note reference =

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES

DRAWN: White  
CHECKED: Tod  
ENGINEER:  
APPROVAL: Tommy

DATE  
Oct.30,2017  
Oct.30,2017  
Oct.30,2017

CUSTOMER:

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Amphenol

Sine Systems - www.amphenol-sine.com  
44724 Morley Drive  
Clinton Township, MI 48036

KIT;M23A,PLUG,STR,12P,P TYPE

SIZE  
B

TYPE  
C-

DWG NO:  
MA7CAP1200-Sx-KIT

REVISION  
A1

SCALE  
NONE

SHEET 1 OF 1

TITLE: KIT;M23A,PLUG,STR,12P,P TYPE

DWG NO: MA7CAP1200-Sx-KIT

REV: A1

SH: 1

OF: 1