



E type, Normal Key

| Item | Part number   | Cable OD Range |
|------|---------------|----------------|
| 1    | MASCAE1600-S1 | 4.5-7.5 mm     |
| 2    | MASCAE1600-S2 | 7.5-11.0 mm    |
| 3    | MASCAE1600-S3 | 11.0-15.0 mm   |

| REVISIONS |     |                      |             |       |       |
|-----------|-----|----------------------|-------------|-------|-------|
| REV       | ECO | DESCRIPTION          | DATE        | BY    | APPR  |
| A1        | -   | FIRST RELEASE        | Oct.09.2015 | Drack | Tommy |
| A2        | -   | UPDATED COUPLING NUT | Oct.22.2015 | Drack | Tommy |

NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
INSULATION INSERT: PA66, UL94 V0  
SEAL: VITON, EPDM  
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED  
COUPLING NUT: ZINC DIE CAST, NICKEL PLATED
- SPECIFICATIONS:  
2.1 CURRENT RATING: 9 AMPS  
2.2 VOLTAGE RATING: 125 V AC/DC  
2.3 OPERATING TEMPERATURE: -20°C TO +130°C  
2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 2500 VOLTS AC.  
2.5 DEGREE OF PROTECTION: IP67 ( MATED CONDITION )  
2.6 DEGREE OF POLLUTION: 3 PER UL840  
2.7 OVERVOLTAGE CATEGORY: III PER UL840  
2.8 MATING CYCLE DURABILITY: >500 CYCLES  
2.9 ROHS COMPLIANT
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

| QUANTITY | SEE PART NUMBER CHART | PART NUMBER | DESCRIPTION | ITEM |
|----------|-----------------------|-------------|-------------|------|
|          |                       |             |             |      |

MATERIALS LIST

**Amphenol**

Site Systems - www.amphenol-site.com  
44724 Morley Drive  
Clinton Township, MI 48036

M23A PLUG, STR, 16P, E TYPE, CHECKMATE

|   |   |                   |                                    |                                  |               |
|---|---|-------------------|------------------------------------|----------------------------------|---------------|
| UNLESS OTHERWISE SPECIFIED<br>1) All dimensions are in millimeters.<br>2) Tolerances are as follows:<br>Plat. DEC 2015<br>3) Note reference = | SIGNATURES<br>DRAWN: Dck<br>DATE: Oct.22.2015<br>CHECKED:<br>ENGINEER:<br>APPROVAL: | DATE: Oct.22.2015 | SIZE: B<br>TYPE: C-<br>SCALE: NONE | DWG NO: MASCAE1600-Sx<br>REV: A2 | SHEET: 1 OF 1 |
|---|---|-------------------|------------------------------------|----------------------------------|---------------|

THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE AMPHENOL CORPORATION HOLDS ALL RIGHTS IN THIS DRAWING. NO PARTS OR MANUFACTURING VARIATIONS.

PROCESS SPECIFICATIONS:  
NEXT ASSY: