



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**

UNLESS OTHERWISE SPECIFIED  
1) All dimensions are in millimeters.  
2) Tolerances are as follows:  
A) Dimensions > 1000 mm ± 1.00  
B) Dimensions > 100 mm ± 0.25  
C) Dimensions > 10 mm ± 0.15  
D) Dimensions > 1 mm ± 0.05  
E) Dimensions > 0.25 mm ± 0.025  
3) Note reference =

MATERIAL SPECIFICATIONS:  
PROCESS SPECIFICATIONS:  
NEXT ASSY:  
SIGNATURES: DRAWN: Dck DATE: Oct.22.2015  
CHECKED:  
ENGINEER:  
APPROVAL:  
CUSTOMER:  
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SCALE: NONE  
TYPE: B C-  
DWG NO: MASCAE1600-Sx  
REVISION: A2  
SHEET 1 OF 1

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

Site Systems - www.amphenol-site.com  
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