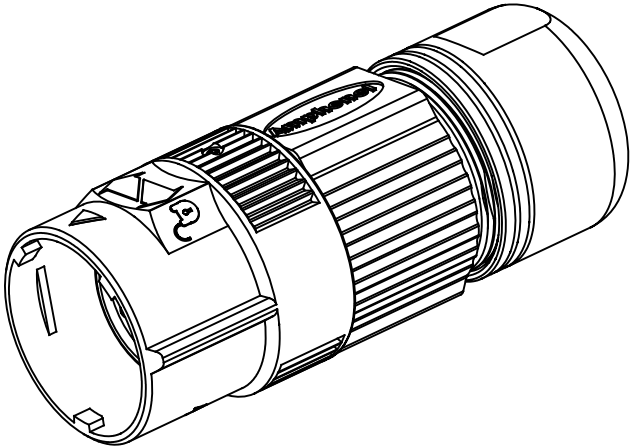
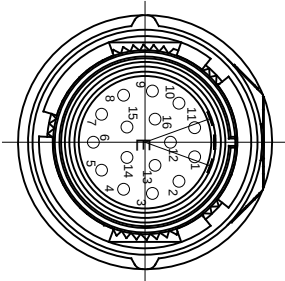
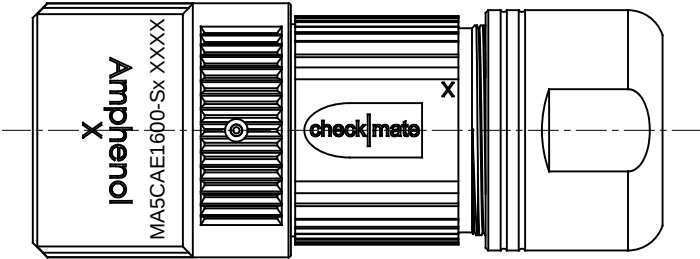
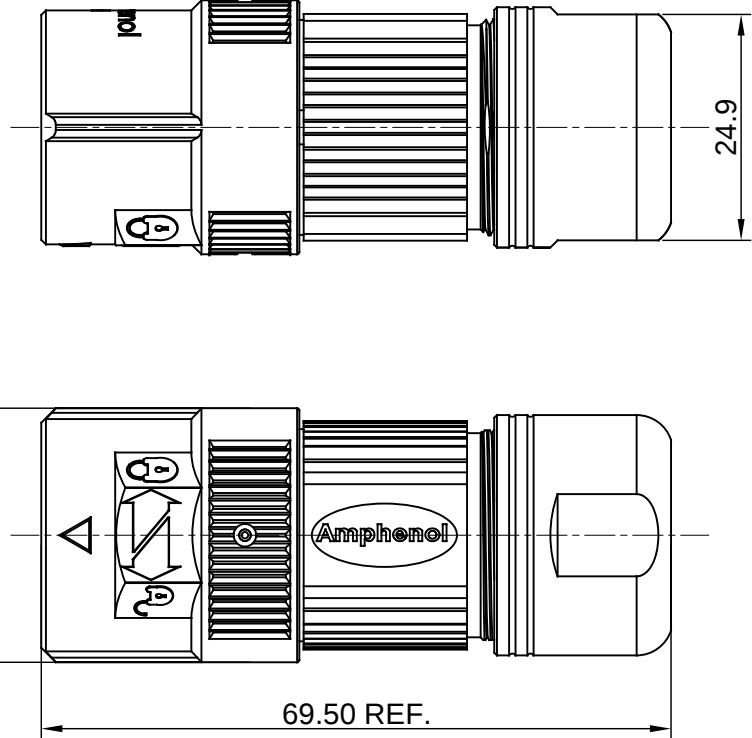


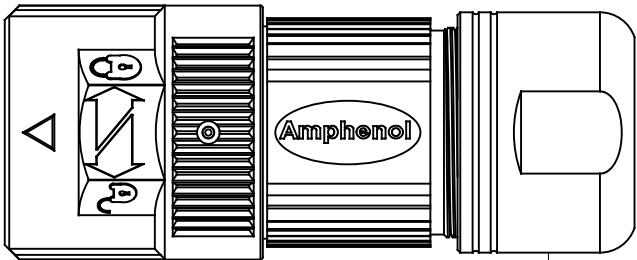


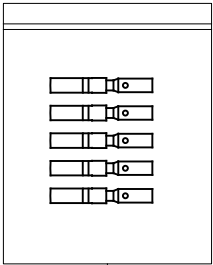
E type, Normal Key

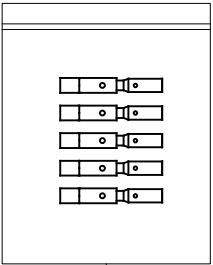












REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	Aug.08,2018	White	Tommy

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON, EPDM
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
COUPLING NUT: ZINC DIE CAST, NICKEL PLATED
CONTACT: COPPER ALLOY, GOLD PLATED

2. 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

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

Item	Part number	Connector P/N	Cable OD Range
1	MA5CAE1600S-S1-KIT	MA5CAE1600-S1	4.5~7.5 mm
2	MA5CAE1600S-S2-KIT	MA5CAE1600-S2	7.5~11.0 mm
3	MA5CAE1600S-S3-KIT	MA5CAE1600-S3	11.0~15.0 mm

16	SC000030	CONTACT, SOCKET, Ø1.0mm,CRIMP 24~28AWG	3
16	SC000044	CONTACT, SOCKET, Ø1.0mm,CRIMP 18~22AWG	2
1	MA5CAE1600-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
2 PL DEC ±0.15
3 PL DEC ±0.08

3) Note reference =

SIGNATURES

DRAWN: White
CHECKED: Tod
ENGINEER:
APPROVAL: Tommy

DATE

Aug.08,2018
Aug.08,2018
Aug.08,2018

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

Amphenol

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

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

SIZE	TYPE	DWG NO:	REVISION
B	C-	MA5CAE1600S-Sx-KIT	A1

SCALE: NONE

SHEET 1 OF 1