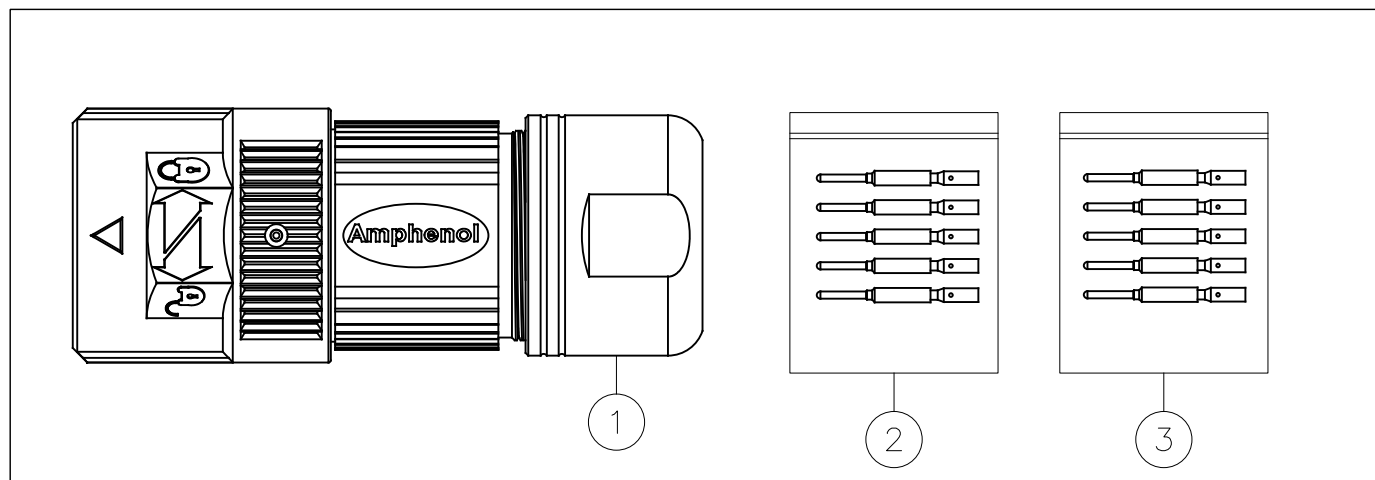
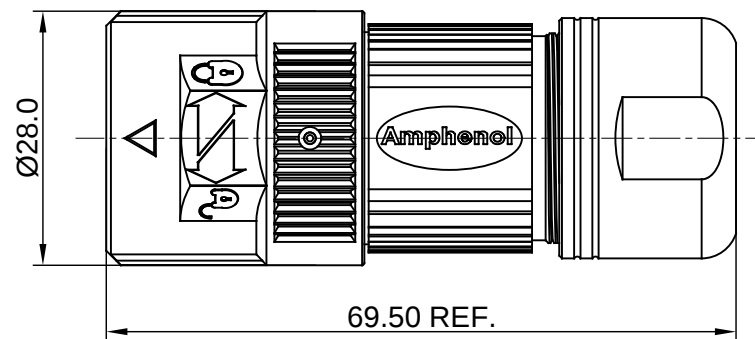
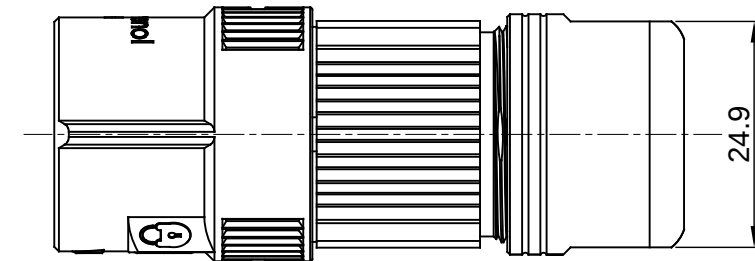
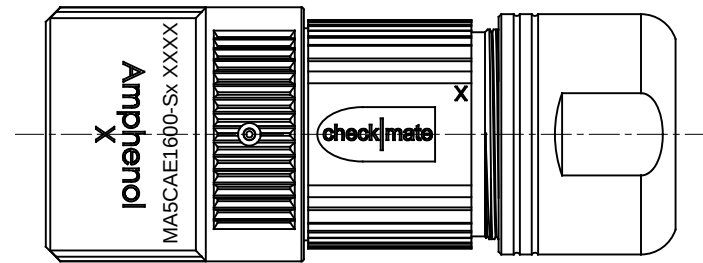
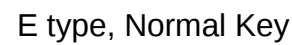




NOTES: UNLESS OTHERWISE SPECIFIED

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	MA5CAE1600-S1-KIT	MA5CAE1600-S1	4.5~7.5 mm
2	MA5CAE1600-S2-KIT	MA5CAE1600-S2	7.5~11.0 mm
3	MA5CAE1600-S3-KIT	MA5CAE1600-S3	11.0~15.0 mm

16	SC000146	CONTACT, PIN, Ø1.0mm ,Crimp 28~24AWG	3
16	SC000035	CONTACT, PIN, Ø1.0mm, Crimp 22~18AWG	2
1	MA5CAE1600-Sx	CONNECTOR	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

AMPHENOL SPECIFICATIONS LIST									
<u>UNLESS OTHERWISE SPECIFIED</u>		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
1) All dimensions are in metric(mm).		DRAWN:	White	Aug.08,2018					
2) Tolerances are as follows:		CHECKED:	Tod	Aug.08,2018					
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:		Tommy		Aug.08,2018			
MATERIAL SPECIFICATIONS:		CUSTOMER:				KIT,M23A,PLUG,STR,16P,E TYPE, CHECKMATE			
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 ASS'Y:									
		SIZE		TYPE		DWG NO:		REVISION	
		B		C-		MA5CAE1600-Sx-KIT		A1	
		SCALE:		NONE				SHEET 1 OF 1	

TITLE: KIT M23A P111G STB 16P E TYPE CHECKMATE

DWG NO: MA5C AE16N0-Sy-KIT

REV: A1

SH: 1	OF: 1
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