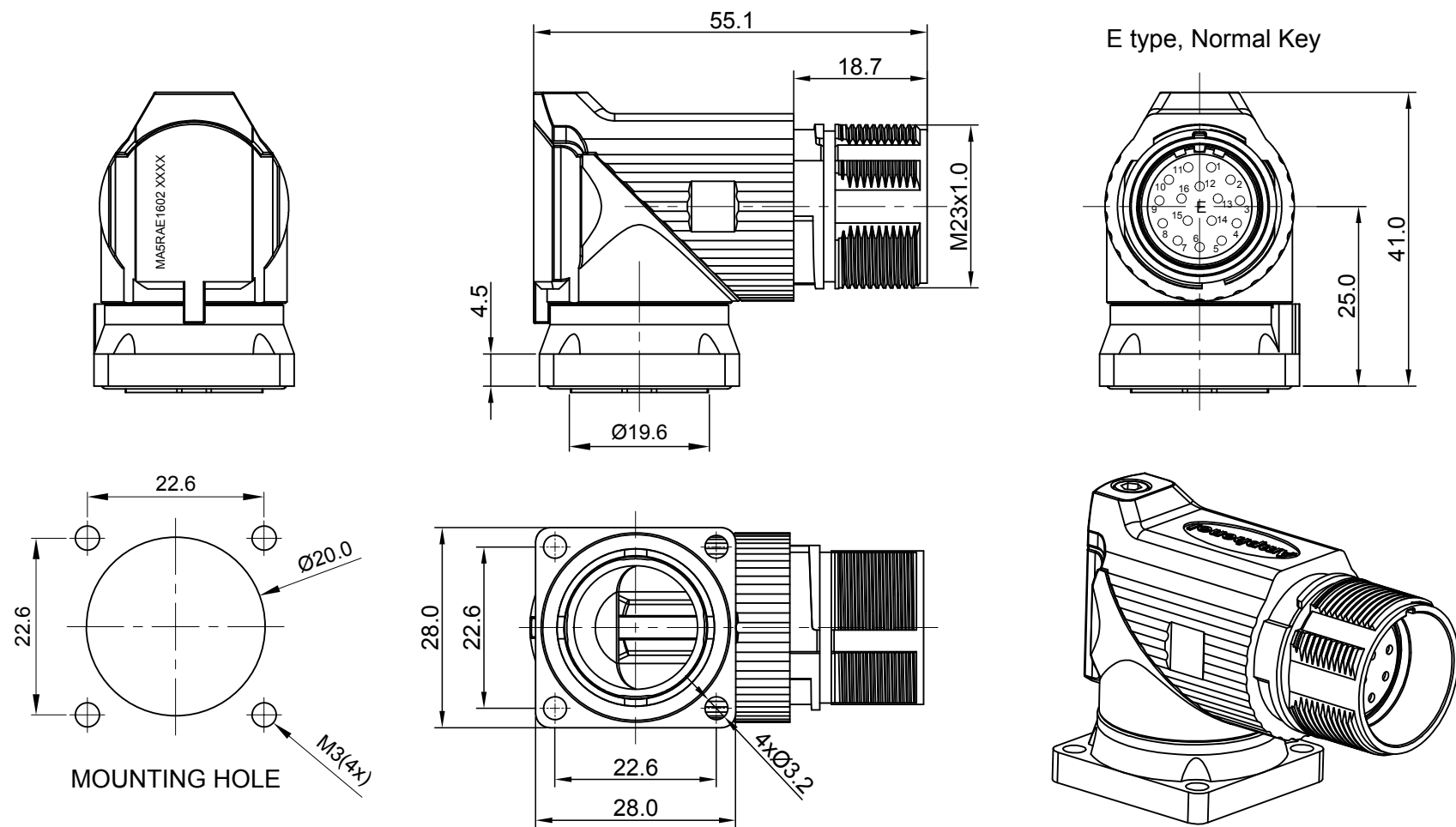


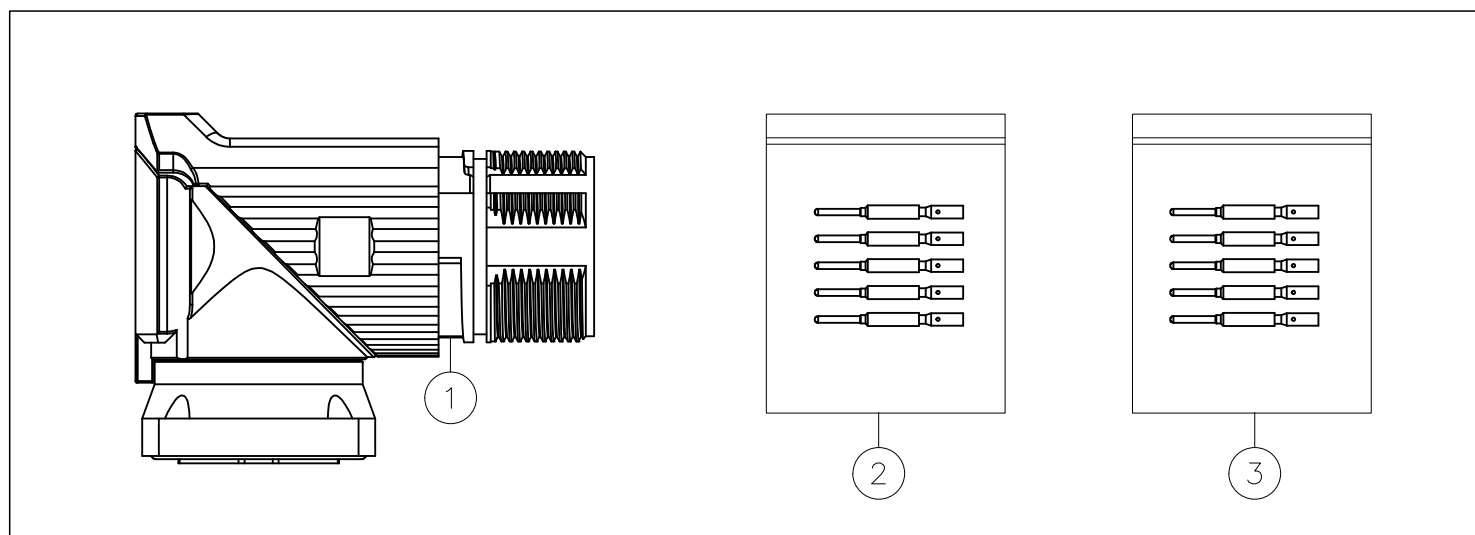
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	Jan.12.2018	White	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
CONTACT: COPPER ALLOY, GOLD 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

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
16	SC000146	CONTACT, PIN, Ø1.0mm ,Crimp 28~24AWG	3
16	SC000035	CONTACT, PIN, Ø1.0mm, Crimp 22~18AWG	2
1	MA5RAE1602	CONNECTOR	1

MATERIALS LIST			
SIGNATURES		DATE	
DRAWN: White		Jan.12.2018	
CHECKED: Tod		Jan.12.2018	
ENGINEER:			
APPROVAL: Tommy		Jan.12.2018	
MATERIAL SPECIFICATIONS:			
PROCESS SPECIFICATIONS:			
NEXT ASSY:			
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 =			
 Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036			
KIT,M23A, REC., RA, 16P, E TYPE, CHECKMATE			
SIZE	TYPE	DWG NO:	REVISION
B	C-	MA5RAE1602-KIT	A1
SCALE: NONE		SHEET 1 OF 1	

TITLE: KIT,M23A, REC., RA, 16P, E TYPE, CHECKMATE
DWG NO: MA5RAE1602-KIT
REV: A1
SH: 1
OF: 1