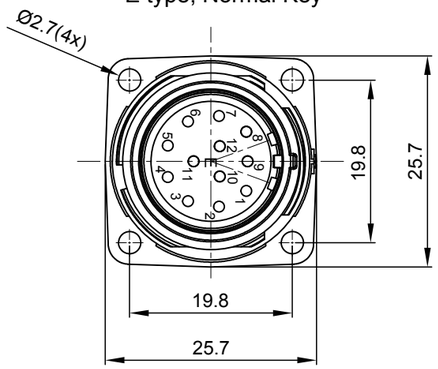
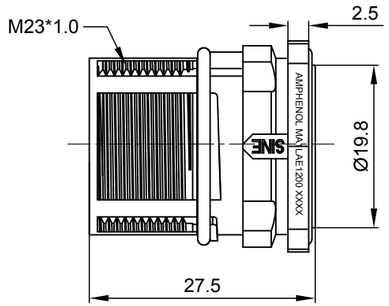
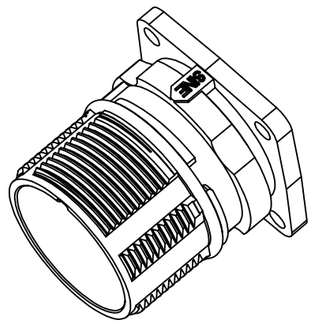
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	APR.13,2016	Drack	Tommy
A2	-	UPDATE DRAWING	Oct.30,2017	White	Tommy

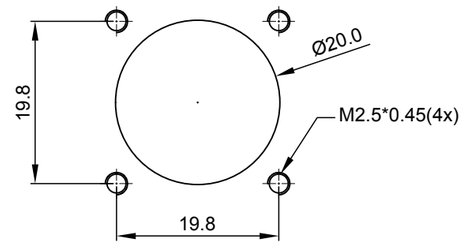
E type, Normal Key



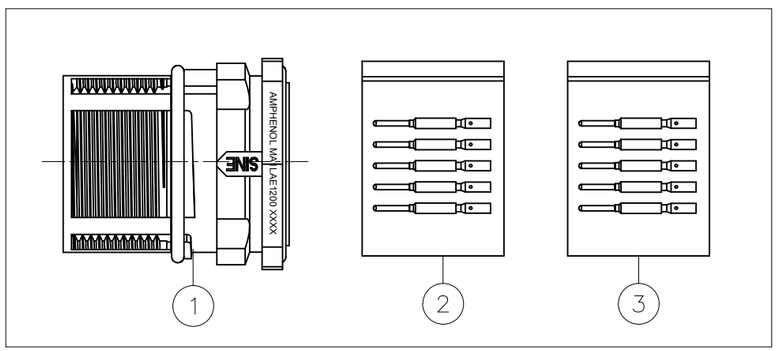


ASSEMBLED VIEW





Mounting Holes



NOTES: UNLESS OTHERWISE SPECIFIED

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

2. SPECIFICATIONS:
   2.1 CURRENT RATING: 10 AMPS
   2.2 VOLTAGE RATING: 160 V AC/DC
   2.3 CONTACT RESISTANCE: <5 mOHMS
   2.4 OPERATING TEMPERATURE: -20°C TO +130°C
   2.5 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 2500 VOLTS AC.
   2.6 DEGREE OF PROTECTION: IP67 (MATED CONDITION)
   2.7 DEGREE OF POLLUTION: 3 PER UL840
   2.8 OVERVOLTAGE CATEGORY: III PER UL840
   2.9 MATING CYCLE DURABILITY: >500 CYCLES
   2.10 RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
3	12	SC000146	CONTACT, PIN, Ø1.0mm ,Crimp 28~24AWG
2	12	SC000035	CONTACT, PIN, Ø1.0mm, Crimp 22~18AWG
1	1	MA1LAE1200	CONNECTOR

MATERIALS LIST

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 = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	White	Oct.30,2017
CHECKED:	Tod	Oct.30,2017
ENGINEER:		
APPROVAL:	Tommy	Oct.30,2017
CUSTOMER:		

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Amphenol

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

KIT,M23A,RECEPTACLE,12POS,E TYPE
FLANGE MOUNT,PIN CONTACT

SIZE	TYPE	DWG NO:	REVISION
B	C-	MA1LAE1200-KIT	A2

SCALE: NONE SHEET 1 OF 1

TITLE: KIT,M23A,RECEPTACLE,12POS,E TYPE,FLANGE MOUNT,PIN CONTACT
DWG NO: MA1LAE1200-KIT
REV: A2
SH: 1
OF: 1

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