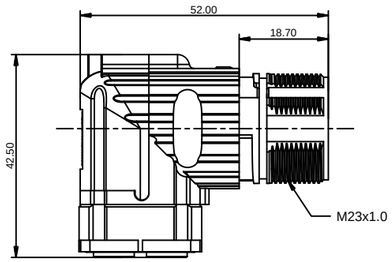
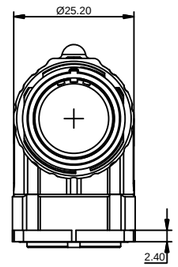
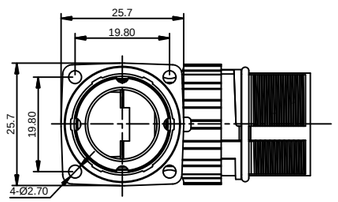
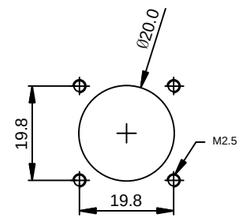
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	May-05-2015	Drack	Tommy
A2	-	UPDATED	04DEC15	MRF	Tommy

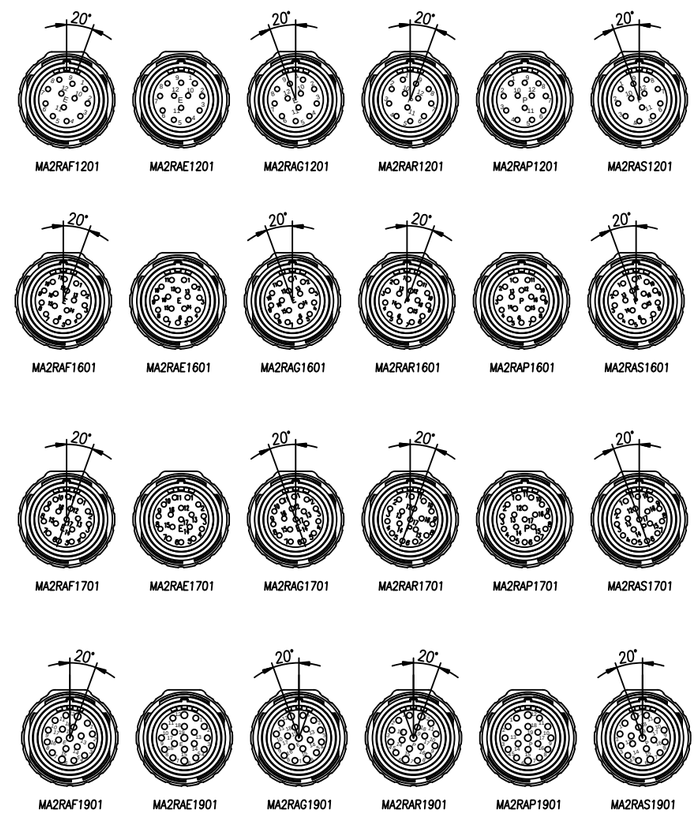








MOUNTING HOLE



NOTES: UNLESS OTHERWISE SPECIFIED

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

2. SPECIFICATIONS:
   2.1 CURRENT RATING: 10 AMPS - 12 POSITION
   9 AMPS - 16 POSITION
   9 AMPS - 17 POSITION
   7 AMPS - 19 POSITION
   2.2 VOLTAGE RATING: 160V AC/DC - 12 POSITION
   125V AC/DC - 16 POSITION
   125V AC/DC - 17 POSITION
   63V AC/DC - 19 POSITION
   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
-	MA2RAS1901	M23, RECP, R/A, ROT, 19POS, P TYPE, KEYED "S"	27
-	MA2RAR1901	M23, RECP, R/A, ROT, 19POS, P TYPE, KEYED "R"	26
-	MA2RAP1901	M23, RECP, R/A, ROT, 19POS, P TYPE	25
-	MA2RAG1901	M23, RECP, R/A, ROT, 19POS, E TYPE, KEYED "G"	24
-	MA2RAF1901	M23, RECP, R/A, ROT, 19POS, E TYPE, KEYED "F"	23
-	MA2RAE1901	M23, RECP, R/A, ROT, 19POS, E TYPE	22
			21
-	MA2RAS1701	M23, RECP, R/A, ROT, 17POS, P TYPE, KEYED "S"	20
-	MA2RAR1701	M23, RECP, R/A, ROT, 17POS, P TYPE, KEYED "R"	19
-	MA2RAP1701	M23, RECP, R/A, ROT, 17POS, P TYPE	18
-	MA2RAG1701	M23, RECP, R/A, ROT, 17POS, E TYPE, KEYED "G"	17
-	MA2RAF1701	M23, RECP, R/A, ROT, 17POS, E TYPE, KEYED "F"	16
-	MA2RAE1701	M23, RECP, R/A, ROT, 17POS, E TYPE	15
			14
-	MA2RAS1601	M23, RECP, R/A, ROT, 16POS, P TYPE, KEYED "S"	13
-	MA2RAR1601	M23, RECP, R/A, ROT, 16POS, P TYPE, KEYED "R"	12
-	MA2RAP1601	M23, RECP, R/A, ROT, 16POS, P TYPE	11
-	MA2RAG1601	M23, RECP, R/A, ROT, 16POS, E TYPE, KEYED "G"	10
-	MA2RAF1601	M23, RECP, R/A, ROT, 16POS, E TYPE, KEYED "F"	9
-	MA2RAE1601	M23, RECP, R/A, ROT, 16POS, E TYPE	8
			7
-	MA2RAS1201	M23, RECP, R/A, ROT, 12POS, P TYPE, KEYED "S"	6
-	MA2RAR1201	M23, RECP, R/A, ROT, 12POS, P TYPE, KEYED "R"	5
-	MA2RAP1201	M23, RECP, R/A, ROT, 12POS, P TYPE	4
-	MA2RAG1201	M23, RECP, R/A, ROT, 12POS, E TYPE, KEYED "G"	3
-	MA2RAF1201	M23, RECP, R/A, ROT, 12POS, E TYPE, KEYED "F"	2
-	MA2RAE1201	M23, RECP, R/A, ROT, 12POS, E TYPE	1

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:	Drack	May.05,2015
CHECKED:		
ENGINEER:		
APPROVAL:		
CUSTOMER:		

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.

Amphenol

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

M23, RECP, ANGLED, ROTATABLE, CHECKMATE

SIZE	TYPE	DWG NO:	REVISION
B	C-	MA2RAxxx01	A2

SCALE: NONE | C-MA2RAxxx01 | SHEET 1 OF 1

TITLE: M23, RECEPTACLE, ANGLED, ROTATABLE, CHECKMATE

DWG NO: MA2RAxxx01

REV: A2

SH: 1

OF: 1