

MA1LAE1900

MA1LAG1900

MA1LAR1900

MA1LAP1900

MA1LAS1900



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
Angles ±1°

3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

THIS DRAWING IS SUPPLIED FOR
INFORMATION ONLY. DESIGN FEATURES,
SPECIFICATIONS AND PERFORMANCE DATA
SIZE
SHOWN HEREON ARE THE PROPERTY OF
THE AMPHENOL CORPORATION. NO RIGHTS
OF REPRODUCTION ARE IMPLIED. ALL
DIMENSIONS ARE SUBJECT TO NORMAL
MANUFACTURING VARIATIONS.

CUSTOMER:

В

SCALE: NONE

Sine Systems - www.amphenol-sine.com

M23, RECEPTACLE, STRAIGHT, THREADED

MA1LAxxx00

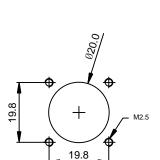
C-MA1LAxxx00 SHEET 1 OF 1

**B**3

Clinton Township, MI 48036

44724 Morley Drive

REVISIONS										
REV	ECO	DESCRIPTION	DATE	BY	APPR					
B1	-	RELEASE NEW DWG FORMAT	Feb.06,2014	Tod	Tommy					
B2	-	UPDATE THE DURABILITY	Jun.27,2015	Drack	Tommy					
В3	-	UPDATED	04DEC15	MRF	Tommy					



MOUNTING HOLE

## NOTES: UNLESS OTHERWISE SPECIFIED

## 1. MATERIAL:

INSULATION INSERT: PA66,UL94 V0

HOUSING BODY: ZINC DIE CAST, NICKEL PLATED

## 2. SPECIFICATIONS:

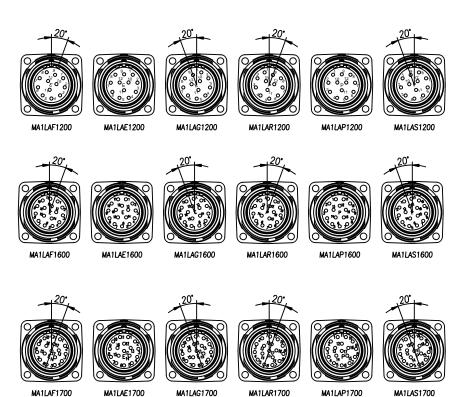
2.1 CURRENT RATING: 10 AMPS - 12 POSITION

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.



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						M23, RECEPTACLE,			
-	MA1LAS1900		M23, REC	P, ST, 19POS, P TYPE, KEYED "S"	27	ᇛ			
-	MA1LAR190	00	M23, REC	P, ST, 19POS, P TYPE, KEYED "R"	26	EPT,			
-	MA1LAP190	00	M23, REC	P, ST, 19POS, P TYPE	25	AC LE			
-	MA1LAG190	00	M23, REC	P, ST, 19POS, E TYPE, KEYED "G"	24	<u>S</u>			
-	MA1LAF190	00	M23, REC	P, ST, 19POS, E TYPE, KEYED "F"	23	RAIG			
-	MA1LAE190	00	M23, REC	P, ST, 19POS, E TYPE	22	[프			
					21	, STRAIGHT, THREADED			
-	MA1LAS170	00	M23, REC	P, ST, 17POS, P TYPE, KEYED "S"	20				
-	MA1LAR170	00	M23, REC	P, ST, 17POS, P TYPE, KEYED "R"	19	Ö			
-	MA1LAP170	00	M23, REC	P, ST, 17POS, P TYPE	18				
-	MA1LAG170	00	M23, REC	P, ST, 17POS, E TYPE, KEYED "G"	17				
-	MA1LAF1700		M23, REC	P, ST, 17POS, E TYPE, KEYED "F"	16	DV			
-	MA1LAE170	00	M23, REC	P, ST, 17POS, E TYPE	15	DWG NO			
					14	.0			
-	MA1LAS1600		M23, REC	P, ST, 16POS, P TYPE, KEYED "S"	13				
-	MA1LAR160	00	M23, REC	P, ST, 16POS, P TYPE, KEYED "R"	12	록			
-	MA1LAP160	00	M23, REC	P, ST, 16POS, P TYPE	11	MA1LAxxx00			
-	MA1LAG1600		M23, REC	P, ST, 16POS, E TYPE, KEYED "G"	10	&			
-	MA1LAF1600		M23, REC	P, ST, 16POS, E TYPE, KEYED "F"	9	ê			
-	MA1LAE1600		M23, REC	P, ST, 16POS, E TYPE	8				
					7	77			
-	MA1LAS1200		M23, REC	P, ST, 12POS, P TYPE, KEYED "S"	6	REV:			
-	MA1LAR1200		M23, REC	P, ST, 12POS, P TYPE, KEYED "R"	5	跃			
-	MA1LAP1200		M23, REC	P, ST, 12POS, P TYPE	4	SH			
-	MA1LAG1200		M23, REC	P, ST, 12POS, E TYPE, KEYED "G"	3				
-	MA1LAF1200		M23, REC	P, ST, 12POS, E TYPE, KEYED "F"	2				
-	MA1LAE1200		M23, REC	P, ST, 12POS, E TYPE	1	유			
QUANTITY	JANTITY PART NUMBER			DESCRIPTION	ITEM	_			
MATERIALS LIST									
UNLESS OTHERWISE SPECIFIED  1) All dimensions are in metric(mm).  SIGNATURES DATE  Amphenol									
2) Tolerances are a		Drack Drack	Jun.27,2015	Amphenol					

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