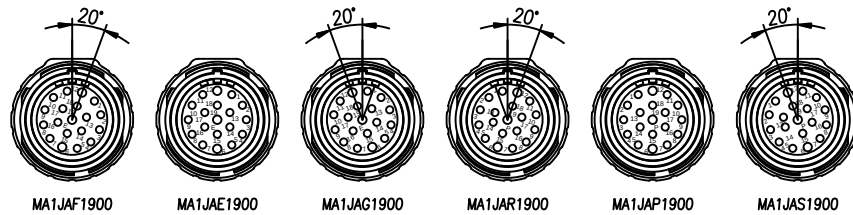
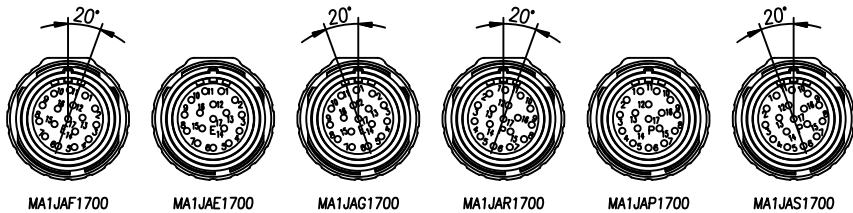
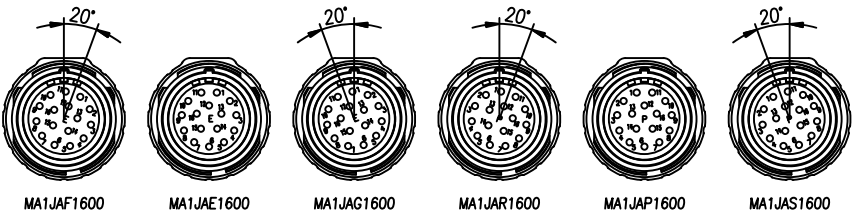
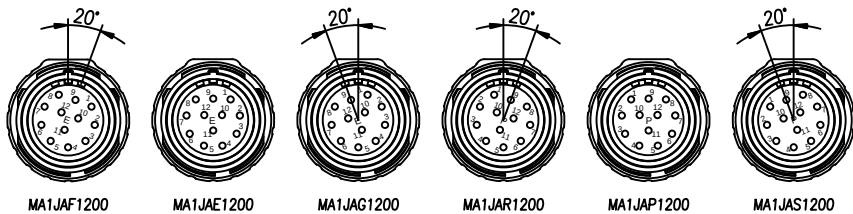
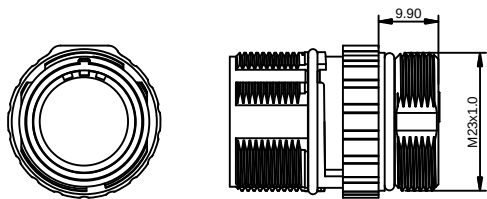
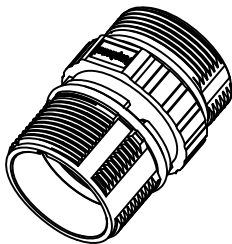
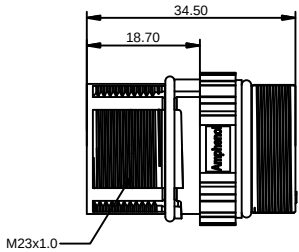


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	Feb.06,2014	Tod	Tommy
B2	-	UPDATE THE DURABILITY	Jun.27,2015	Drack	Tommy
B3	-	UPDATED	04DEC15	MRF	Tommy



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.

-	MA1JAS1900	M23, RECP, EXT, ST, 19POS, P TYPE, KEYED "S"	27
-	MA1JAR1900	M23, RECP, EXT, ST, 19POS, P TYPE, KEYED "R"	26
-	MA1JAP1900	M23, RECP, EXT, ST, 19POS, P TYPE	25
-	MA1JAG1900	M23, RECP, EXT, ST, 19POS, E TYPE, KEYED "G"	24
-	MA1JAF1900	M23, RECP, EXT, ST, 19POS, E TYPE, KEYED "F"	23
-	MA1JAE1900	M23, RECP, EXT, ST, 19POS, E TYPE	22
			21
-	MA1JAS1700	M23, RECP, EXT, ST, 17POS, P TYPE, KEYED "S"	20
-	MA1JAR1700	M23, RECP, EXT, ST, 17POS, P TYPE, KEYED "R"	19
-	MA1JAP1700	M23, RECP, EXT, ST, 17POS, P TYPE	18
-	MA1JAG1700	M23, RECP, EXT, ST, 17POS, E TYPE, KEYED "G"	17
-	MA1JAF1700	M23, RECP, EXT, ST, 17POS, E TYPE, KEYED "F"	16
-	MA1JAE1700	M23, RECP, EXT, ST, 17POS, E TYPE	15
			14
-	MA1JAS1600	M23, RECP, EXT, ST, 16POS, P TYPE, KEYED "S"	13
-	MA1JAR1600	M23, RECP, EXT, ST, 16POS, P TYPE, KEYED "R"	12
-	MA1JAP1600	M23, RECP, EXT, ST, 16POS, P TYPE	11
-	MA1JAG1600	M23, RECP, EXT, ST, 16POS, E TYPE, KEYED "G"	10
-	MA1JAF1600	M23, RECP, EXT, ST, 16POS, E TYPE, KEYED "F"	9
-	MA1JAE1600	M23, RECP, EXT, ST, 16POS, E TYPE	8
			7
-	MA1JAS1200	M23, RECP, EXT, ST, 12POS, P TYPE, KEYED "S"	6
-	MA1JAR1200	M23, RECP, EXT, ST, 12POS, P TYPE, KEYED "R"	5
-	MA1JAP1200	M23, RECP, EXT, ST, 12POS, P TYPE	4
-	MA1JAG1200	M23, RECP, EXT, ST, 12POS, E TYPE, KEYED "G"	3
-	MA1JAF1200	M23, RECP, EXT, ST, 12POS, E TYPE, KEYED "F"	2
-	MA1JAE1200	M23, RECP, EXT, ST, 12POS, E TYPE	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 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 3) Note reference =		SIGNATURES DRAWN: Drack CHECKED: ENGINEER: APPROVAL:	DATE Jun.27,2015
MATERIAL SPECIFICATIONS:		CUSTOMER:	
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 ASSY:		NEXT ASSY:	
SIZE B		TYPE C-	
SCALE NONE		DWG NO: MA1JAXxx00	
SHEET 1		REVISION B3	
C-MA1JAXxx00		OF 1	

TITLE: M23 RECEPTACLE, EXTENSION, STRAIGHT, THREADED
DWG NO: MA1JAXxx00
REV: B3
SH: 1
OF: 1