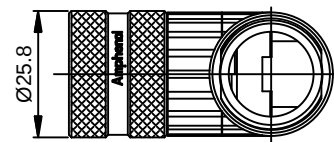
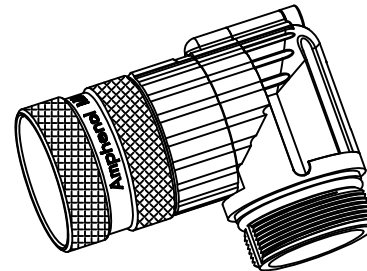
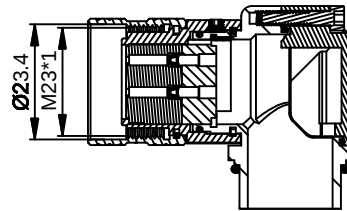
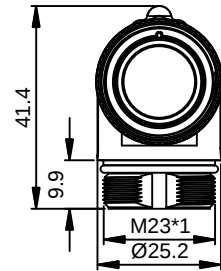


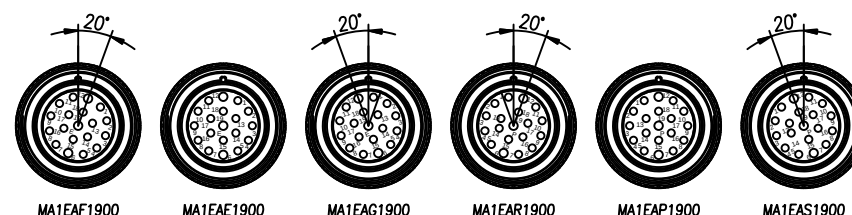
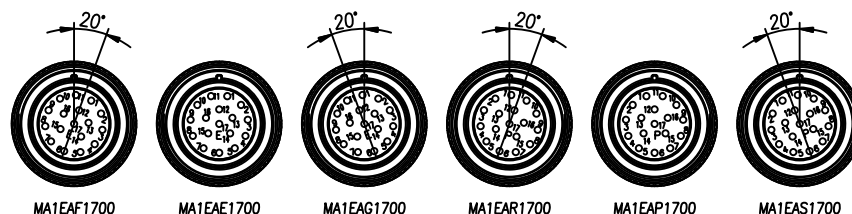
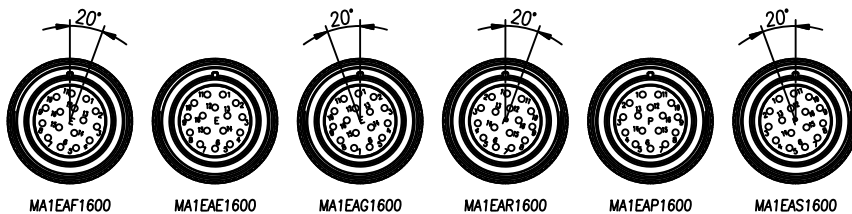
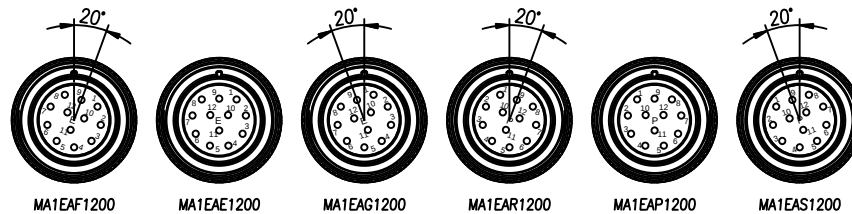
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	Feb.06,2014	Tod	Tommy
B2	-	UPDATE THE DURABILITY	Jun.27,2015	Drack	Tommy
B3	-	UPDATED	04DEC15	MRF	Tommy



-	MA1EAS1900	M23, PLUG, R/A, ROT, 19POS, P TYPE, KEYED "S"	27
-	MA1EAR1900	M23, PLUG, R/A, ROT, 19POS, P TYPE, KEYED "R"	26
-	MA1EAP1900	M23, PLUG, R/A, ROT, 19POS, P TYPE	25
-	MA1EAG1900	M23, PLUG, R/A, ROT, 19POS, E TYPE, KEYED "G"	24
-	MA1EAF1900	M23, PLUG, R/A, ROT, 19POS, E TYPE, KEYED "F"	23
-	MA1EAE1900	M23, PLUG, R/A, ROT, 19POS, E TYPE	22
			21
-	MA1EAS1700	M23, PLUG, R/A, ROT, 17POS, P TYPE, KEYED "S"	20
-	MA1EAR1700	M23, PLUG, R/A, ROT, 17POS, P TYPE, KEYED "R"	19
-	MA1EAP1700	M23, PLUG, R/A, ROT, 17POS, P TYPE	18
-	MA1EAG1700	M23, PLUG, R/A, ROT, 17POS, E TYPE, KEYED "G"	17
-	MA1EAF1700	M23, PLUG, R/A, ROT, 17POS, E TYPE, KEYED "F"	16
-	MA1EAE1700	M23, PLUG, R/A, ROT, 17POS, E TYPE	15
			14
-	MA1EAS1600	M23, PLUG, R/A, ROT, 16POS, P TYPE, KEYED "S"	13
-	MA1EAR1600	M23, PLUG, R/A, ROT, 16POS, P TYPE, KEYED "R"	12
-	MA1EAP1600	M23, PLUG, R/A, ROT, 16POS, P TYPE	11
-	MA1EAG1600	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "G"	10
-	MA1EAF1600	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "F"	9
-	MA1EAE1600	M23, PLUG, R/A, ROT, 16POS, E TYPE	8
			7
-	MA1EAS1200	M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "S"	6
-	MA1EAR1200	M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "R"	5
-	MA1EAP1200	M23, PLUG, R/A, ROT, 12POS, P TYPE	4
-	MA1EAG1200	M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "G"	3
-	MA1EAF1200	M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "F"	2
-	MA1EAE1200	M23, PLUG, R/A, ROT, 12POS, E TYPE	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

NOTES: UNLESS OTHERWISE SPECIFIED

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



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 =					
MATERIAL SPECIFICATIONS:					
PROCESS SPECIFICATIONS:					
NEXT ASSY:					

CAPITALS LIST

Amphenol

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

M23, PLUG, ANGLED, ROTATABLE, THREADED					
SIZE	TYPE	DWG NO:	REVISION		
B	C-	MA1EAXxx00	B3		
SCALE: NONE		C-MA1EAXxx00	SHEET	1	OF 1