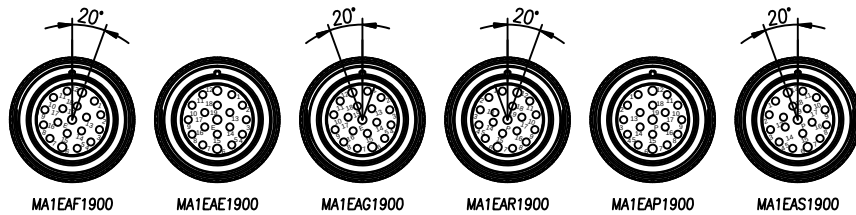
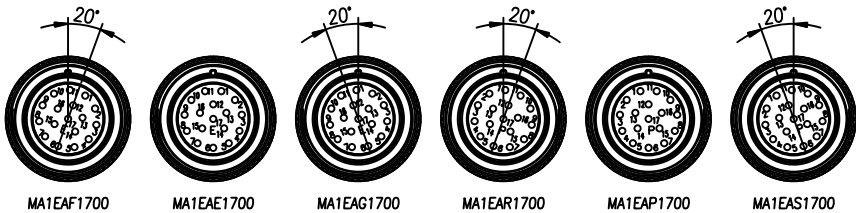
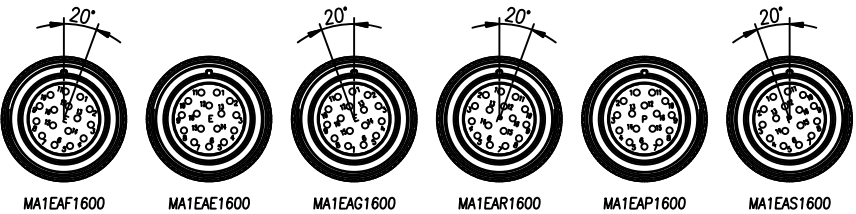
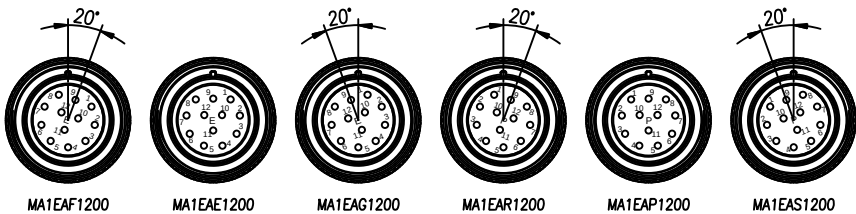
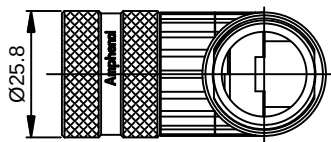
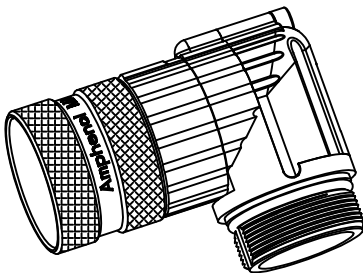
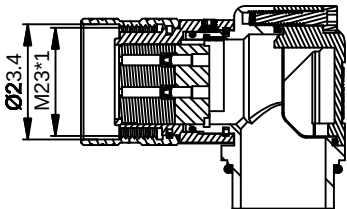
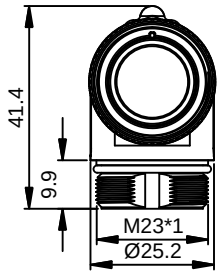


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	Feb.06,2014	Tod	Tommy
B2	-	UPDATE THE DURABILITY	Jun.27,2015	Drack	Tommy
B3	-	UPDATED	04DEC15	MRF	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
COUPLING NUT: COPPER ALLOY, NICKEL PLATED
- SPECIFICATIONS:
 - CURRENT RATING: 10 AMPS - 12 POSITION
9 AMPS - 16 POSITION
9 AMPS - 17 POSITION
7 AMPS - 19 POSITION
 - VOLTAGE RATING: 160V AC/DC - 12 POSITION
125V AC/DC - 16 POSITION
125V AC/DC - 17 POSITION
63V AC/DC - 19 POSITION
 - OPERATING TEMPERATURE: -20°C TO +130°C
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 2500 VOLTS AC.
 - DEGREE OF PROTECTION: IP67 (MATED CONDITION)
 - DEGREE OF POLLUTION: 3 PER UL840
 - OVERVOLTAGE CATEGORY: III PER UL840
 - MATING CYCLE DURABILITY: >500 CYCLES
 - RoHS COMPLIANT

3. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

-	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
-	MA1EAS1700	M23, PLUG, R/A, ROT, 17POS, P TYPE, KEYED "S"	21
-	MA1EAR1700	M23, PLUG, R/A, ROT, 17POS, P TYPE, KEYED "R"	20
-	MA1EAP1700	M23, PLUG, R/A, ROT, 17POS, P TYPE	19
-	MA1EAG1700	M23, PLUG, R/A, ROT, 17POS, E TYPE, KEYED "G"	18
-	MA1EAF1700	M23, PLUG, R/A, ROT, 17POS, E TYPE, KEYED "F"	17
-	MA1EAE1700	M23, PLUG, R/A, ROT, 17POS, E TYPE	16
-	MA1EAS1600	M23, PLUG, R/A, ROT, 16POS, P TYPE, KEYED "S"	15
-	MA1EAR1600	M23, PLUG, R/A, ROT, 16POS, P TYPE, KEYED "R"	14
-	MA1EAP1600	M23, PLUG, R/A, ROT, 16POS, P TYPE	13
-	MA1EAG1600	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "G"	12
-	MA1EAF1600	M23, PLUG, R/A, ROT, 16POS, E TYPE, KEYED "F"	11
-	MA1EAE1600	M23, PLUG, R/A, ROT, 16POS, E TYPE	10
-	MA1EAS1200	M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "S"	9
-	MA1EAR1200	M23, PLUG, R/A, ROT, 12POS, P TYPE, KEYED "R"	8
-	MA1EAP1200	M23, PLUG, R/A, ROT, 12POS, P TYPE	7
-	MA1EAG1200	M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "G"	6
-	MA1EAF1200	M23, PLUG, R/A, ROT, 12POS, E TYPE, KEYED "F"	5
-	MA1EAE1200	M23, PLUG, R/A, ROT, 12POS, E TYPE	4
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

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
Fractions ±1/64
Angles ±1°
3) Note reference =

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES	DATE
DRAWN: Drack	Jun.27,2015
CHECKED:	
ENGINEER:	
APPROVAL:	

CUSTOMER:

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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