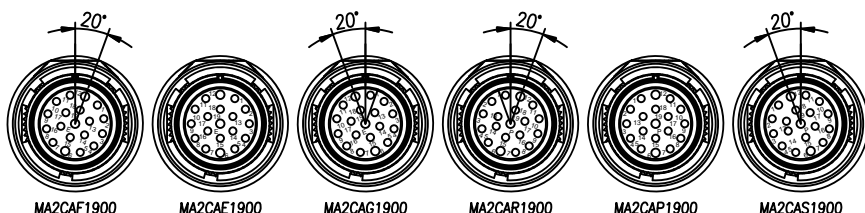
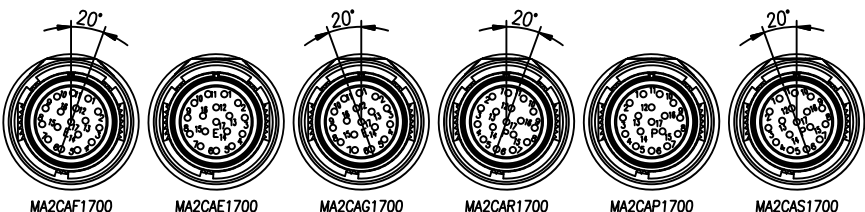
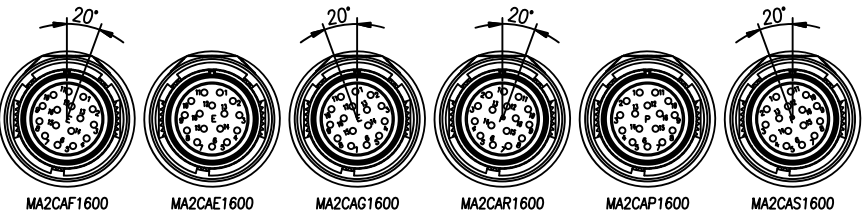
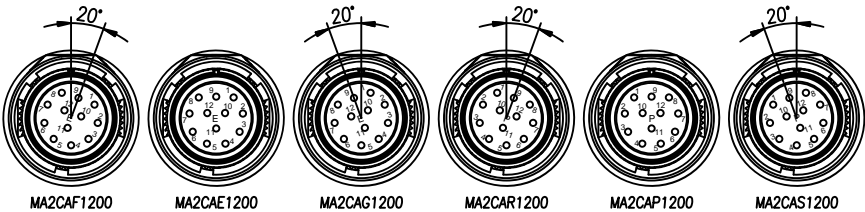
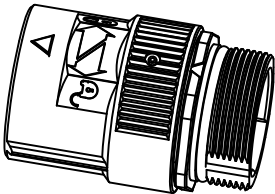
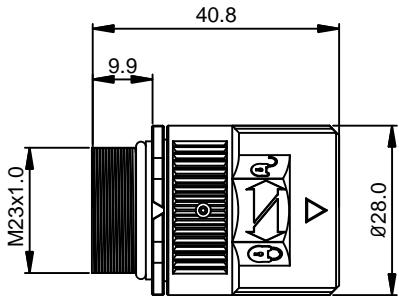


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	03/14/14	Drack	Tommy
B2	-	UPDATE THE DURABILITY	May.21,2015	Drack	Tommy
B3	-	UPDATED	04DEC15	MRF	Tommy
B4	-	UPDATED NUT	20APR16	MRF	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED
COUPLING NUT: ZINC DIE CAST, 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
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

-	MA2CAS1900	M23, PLUG, ST, 19POS, P TYPE, KEYED "S"	27
-	MA2CAR1900	M23, PLUG, ST, 19POS, P TYPE, KEYED "R"	26
-	MA2CAP1900	M23, PLUG, ST, 19POS, P TYPE	25
-	MA2CAG1900	M23, PLUG, ST, 19POS, E TYPE, KEYED "G"	24
-	MA2CAF1900	M23, PLUG, ST, 19POS, E TYPE, KEYED "F"	23
-	MA2CAE1900	M23, PLUG, ST, 19POS, E TYPE	22
-	MA2CAS1700	M23, PLUG, ST, 17POS, P TYPE, KEYED "S"	21
-	MA2CAR1700	M23, PLUG, ST, 17POS, P TYPE, KEYED "R"	20
-	MA2CAP1700	M23, PLUG, ST, 17POS, P TYPE	19
-	MA2CAG1700	M23, PLUG, ST, 17POS, E TYPE, KEYED "G"	18
-	MA2CAF1700	M23, PLUG, ST, 17POS, E TYPE, KEYED "F"	17
-	MA2CAE1700	M23, PLUG, ST, 17POS, E TYPE	16
-	MA2CAS1600	M23, PLUG, ST, 16POS, P TYPE, KEYED "S"	15
-	MA2CAR1600	M23, PLUG, ST, 16POS, P TYPE, KEYED "R"	14
-	MA2CAP1600	M23, PLUG, ST, 16POS, P TYPE	13
-	MA2CAG1600	M23, PLUG, ST, 16POS, E TYPE, KEYED "G"	12
-	MA2CAF1600	M23, PLUG, ST, 16POS, E TYPE, KEYED "F"	11
-	MA2CAE1600	M23, PLUG, ST, 16POS, E TYPE	10
-	MA2CAS1200	M23, PLUG, ST, 12POS, P TYPE, KEYED "S"	9
-	MA2CAR1200	M23, PLUG, ST, 12POS, P TYPE, KEYED "R"	8
-	MA2CAP1200	M23, PLUG, ST, 12POS, P TYPE	7
-	MA2CAG1200	M23, PLUG, ST, 12POS, E TYPE, KEYED "G"	6
-	MA2CAF1200	M23, PLUG, ST, 12POS, E TYPE, KEYED "F"	5
-	MA2CAE1200	M23, PLUG, ST, 12POS, E TYPE	4
-	MA2CAS1900	M23, PLUG, ST, 19POS, P TYPE, KEYED "S"	3
-	MA2CAR1900	M23, PLUG, ST, 19POS, P TYPE, KEYED "R"	2
-	MA2CAP1900	M23, PLUG, ST, 19POS, P TYPE	1
-	MA2CAG1900	M23, PLUG, ST, 19POS, E TYPE, KEYED "G"	1
-	MA2CAF1900	M23, PLUG, ST, 19POS, E TYPE, KEYED "F"	1
-	MA2CAE1900	M23, PLUG, ST, 19POS, E TYPE	1
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE	
1) All dimensions are in metric(mm).		DRAWN: Drack		May.21,2015	
2) Tolerances are as follows:		CHECKED:			
1 PL DEC ±0.30		ENGINEER:			
2 PL DEC ±0.15		APPROVAL:			
3 PL DEC ±0.08		CUSTOMER:			
3) Note reference =		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.			
MATERIAL SPECIFICATIONS:		SIZE		REVISION	
PROCESS SPECIFICATIONS:		TYPE			
NEXT ASSY:		DWG NO:			
		SCALE: NONE			
		C-MA2CAxxx00			
		SHEET 1 OF 1			

TITLE: M23, PLUG, STRAIGHT, CHECKMATE
DWG NO: MA2CAxxx00
REV: B4
SH: 1
OF: 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[MA2CAE1600](#) [MA2CAP1700](#) [MA2CAE1200](#) [MA2CAE1700](#) [MA2CAP1600](#) [MA2CAP1200](#) [MA1CAP1900](#)
[MA2CAE1900](#) [MA2CAP1900](#) [MA1CAE1900](#)