

NOTES: UNLESS OTHERWISE SPECIFIED

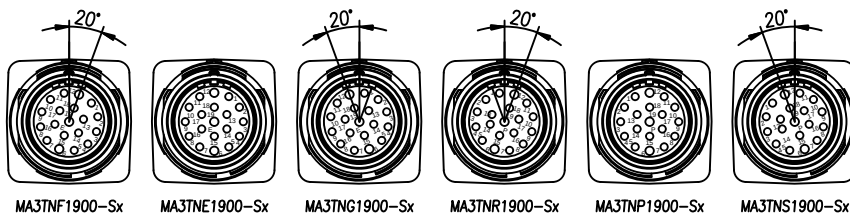
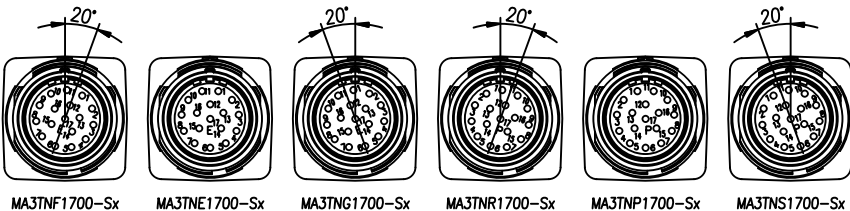
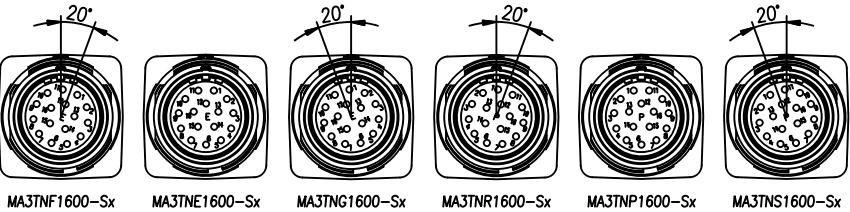
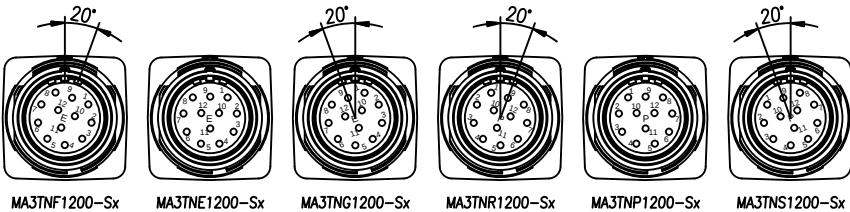
1. MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON
HOUSING BODY: ZINC DIE CAST, NICKEL PLATED

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.



REVISIONS

REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	Jul.15,2014	Tod	Tommy
B2	-	UPDATE THE DURABILITY	Jun.27,2015	Drack	Tommy
B3	-	UPDATED	08DEC15	MRF	Tommy

		Cable OD Range
1	MA3TNxxx00-S1	4.5~7.5 mm
2	MA3TNxxx00-S2	7.5~11.0 mm
3	MA3TNxxx00-S3	11.0~15.0 mm

-	MA3TNP1900-S3	M23, RECP, BULKHEAD, 19POS, P TYPE	27
-	MA3TNP1900-S2	M23, RECP, BULKHEAD, 19POS, P TYPE	26
-	MA3TNP1900-S1	M23, RECP, BULKHEAD, 19POS, P TYPE	25
-	MA3TNE1900-S3	M23, RECP, BULKHEAD, 19POS, E TYPE	24
-	MA3TNE1900-S2	M23, RECP, BULKHEAD, 19POS, E TYPE	23
-	MA3TNE1900-S1	M23, RECP, BULKHEAD, 19POS, E TYPE	22
-	MA3TNP1700-S3	M23, RECP, BULKHEAD, 17POS, P TYPE	21
-	MA3TNP1700-S2	M23, RECP, BULKHEAD, 17POS, P TYPE	20
-	MA3TNP1700-S1	M23, RECP, BULKHEAD, 17POS, P TYPE	19
-	MA3TNE1700-S3	M23, RECP, BULKHEAD, 17POS, E TYPE	18
-	MA3TNE1700-S2	M23, RECP, BULKHEAD, 17POS, E TYPE	17
-	MA3TNE1700-S1	M23, RECP, BULKHEAD, 17POS, E TYPE	16
-	MA3TNP1600-S3	M23, RECP, BULKHEAD, 16POS, P TYPE	15
-	MA3TNP1600-S2	M23, RECP, BULKHEAD, 16POS, P TYPE	14
-	MA3TNP1600-S1	M23, RECP, BULKHEAD, 16POS, P TYPE	13
-	MA3TNE1600-S3	M23, RECP, BULKHEAD, 16POS, E TYPE	12
-	MA3TNE1600-S2	M23, RECP, BULKHEAD, 16POS, E TYPE	11
-	MA3TNE1600-S1	M23, RECP, BULKHEAD, 16POS, E TYPE	10
-	MA3TNP1200-S3	M23, RECP, BULKHEAD, 12POS, P TYPE	9
-	MA3TNP1200-S2	M23, RECP, BULKHEAD, 12POS, P TYPE	8
-	MA3TNP1200-S1	M23, RECP, BULKHEAD, 12POS, P TYPE	7
-	MA3TNE1200-S3	M23, RECP, BULKHEAD, 12POS, E TYPE	6
-	MA3TNE1200-S2	M23, RECP, BULKHEAD, 12POS, E TYPE	5
-	MA3TNE1200-S1	M23, RECP, BULKHEAD, 12POS, E TYPE	4
-	MA3TNP1900-S3	M23, RECP, BULKHEAD, 19POS, P TYPE	3
-	MA3TNP1900-S2	M23, RECP, BULKHEAD, 19POS, P TYPE	2
-	MA3TNP1900-S1	M23, RECP, BULKHEAD, 19POS, P 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	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
MATERIAL SPECIFICATIONS:		CUSTOMER:		M23, RECP, BULKHEAD, THREADED	
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.		SIZE B	TYPE C-
NEXT ASSY:		DWG NO: MA3TNxxx00-Sx		REVISION B3	
		SCALE NONE	C-MA3TNxxx00-Sx	SHEET 1	OF 1

TITLE:

M23, RECP, BULKHEAD, THREADED

DWG NO:

MA3TNxxx00-Sx

REV: B3

SH: 1

OF: 1

Mouser Electronics

Authorized Distributor

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[MA3TNE1700-S3](#)