



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	FIRST RELEASE	Non 20, 2015	Drack	Tommy

-	MA7RAS1902	M23, RECP, R/A, ROT, 19POS, P TYPE, KEYED "S"	27
-	MA7RAR1902	M23, RECP, R/A, ROT, 19POS, P TYPE, KEYED "R"	26
-	MA7RAP1902	M23, RECP, R/A, ROT, 19POS, P TYPE	25
-	MA7RAG1902	M23, RECP, R/A, ROT, 19POS, E TYPE, KEYED "G"	24
-	MA7RAF1902	M23, RECP, R/A, ROT, 19POS, E TYPE, KEYED "F"	23
-	MA7RAE1902	M23, RECP, R/A, ROT, 19POS, E TYPE	22
-	MA7RAS1702	M23, RECP, R/A, ROT, 17POS, P TYPE, KEYED "S"	21
-	MA7RAR1702	M23, RECP, R/A, ROT, 17POS, P TYPE, KEYED "R"	20
-	MA7RAP1702	M23, RECP, R/A, ROT, 17POS, P TYPE	19
-	MA7RAG1702	M23, RECP, R/A, ROT, 17POS, E TYPE, KEYED "G"	18
-	MA7RAF1702	M23, RECP, R/A, ROT, 17POS, E TYPE, KEYED "F"	17
-	MA7RAE1702	M23, RECP, R/A, ROT, 17POS, E TYPE	16
-	MA7RAS1602	M23, RECP, R/A, ROT, 16POS, P TYPE, KEYED "S"	15
-	MA7RAR1602	M23, RECP, R/A, ROT, 16POS, P TYPE, KEYED "R"	14
-	MA7RAP1602	M23, RECP, R/A, ROT, 16POS, P TYPE	13
-	MA7RAG1602	M23, RECP, R/A, ROT, 16POS, E TYPE, KEYED "G"	12
-	MA7RAF1602	M23, RECP, R/A, ROT, 16POS, E TYPE, KEYED "F"	11
-	MA7RAE1602	M23, RECP, R/A, ROT, 16POS, E TYPE	10
-	MA7RAS1202	M23, RECP, R/A, ROT, 12POS, P TYPE, KEYED "S"	9
-	MA7RAR1202	M23, RECP, R/A, ROT, 12POS, P TYPE, KEYED "R"	8
-	MA7RAP1202	M23, RECP, R/A, ROT, 12POS, P TYPE	7
-	MA7RAG1202	M23, RECP, R/A, ROT, 12POS, E TYPE, KEYED "G"	6
-	MA7RAF1202	M23, RECP, R/A, ROT, 12POS, E TYPE, KEYED "F"	5
-	MA7RAE1202	M23, RECP, R/A, ROT, 12POS, E TYPE	4

QUANTITY	PART NUMBER	DESCRIPTION	ITEM
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MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES	DATE
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		Drack	Nov 20, 2015
3) Note reference =		CHECKED:	
MATERIAL SPECIFICATIONS:		ENGINEER:	
PROCESS SPECIFICATIONS:		APPROVAL:	
NEXT ASSY:		CUSTOMER:	
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M23, RECP, ANGLED, ROTATABLE, CHECKMATE		SIZE	REVISION
		B C-	A1
		DWG NO: MA7Rxxx02	
		SCALE: NONE	SHEET 1 OF 1

- NOTES: UNLESS OTHERWISE SPECIFIED
- MATERIAL:
INSULATION INSERT: PA66,UL94 V0
SEAL: VITON
HOUSING BODY: 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.

TITLE: M23, RECEPTACLE, ANGLED, ROTATABLE, CHECKMATE
DWG NO: MA7Rxxx02
REV: A1
SH: 1
OF: 1