



NOTES: UNLESS OTHERWISE SPECIFIED

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

2. SPECIFICATIONS:

- 2.1 CURRENT RATING: 28 AMPS
- 2.2 VOLTAGE RATING: 630V AC/DC
- 2.3 OPERATING TEMPERATURE: -20°C TO +130°C
- 2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 6000 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.

QUANTITY	SEE PART NUMBER CHART		DESCRIPTION	ITEM
	PART NUMBER			
MATERIALS LIST				
UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE		
1) All dimensions are in millimeters (mm). 2) Tolerances are as follows: 1 PL DEC 0.0-0.30 2 PL DEC 0.0-0.15 3 PL DEC 0.0-0.08 4 Angle $\pm 1^\circ$	DRAWN:  Date: Dec/02/2015	CHECKED:  Date: Dec/02/2015	Sire Systems - www.amphenol-sire.com 44724 Morley Drive Clinton Township, MI 48036	
3) Note reference = 	ENGINEER: 	APPROVAL: 		
MATERIAL SPECIFICATIONS:	CUSTOMER: 			
PROCESS SPECIFICATIONS:	M23B,PLUG,STR,6PQS,CHECKMATE			
NEXT ASSY:	SIZE: B	TYPE: DRAFTS	DATA: MB2CKN0600	REVISION: B3
	SCALE: NONE		SHEET 1	of 1

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
B1	-	RELEASE NEW DWG FORMAT	May.10.2014	Drak	Tommy
B2	-	UPDATE THE DURABILITY	Jun.27.2015	Drak	Tommy
B3	-	UPDATED NUT	Dec.02.2015	Flan	Tommy

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