







REVISIONS									
REV	ECO	DESCRIPTION	DATE	BY	APPR				
B1	-	RELEASE NEW DWG FORMAT	May.10,2014	Drack	Tommy				
B2	1	UPDATE THE DURABILITY	Jun.27,2015	Drack	Tommy				

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

INSULATION INSERT:PA66,UL94 V0

SEAL: VITON

HOUSING BODY: ZINC DIE CAST, NICKEL PLATED COUPLING NUT: COPPER ALLOY, NICKEL PLATED

2. SPECIFICATIONS:

2.1 CURRENT RATING: SIGNAL: 10 AMPS

POWER: 30AMPS

2.2 VOLTAGE RATING: SIGNAL: 250V AC/DC

POWER: 630V AC/DC

2.3 OPERATING TEMPERATURE: -20°C TO +130°C

2.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2

MILLIAMPS CURRENT LEAKAGE @ SIGNAL: 2500VOLTS AC.

POWER: 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.

SEE PART NUMBER CHART PART NUMBER QUANTITY DESCRIPTION ITEM MATERIALS LIST

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	UNLESS OTHERWISE SPECIFIED	SIGNATURES		DATE		
	1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 Fractions ±1/64	DRAWN:	Drack	Jun.27,2015		
	2 PL DEC ±0.15 3 PL DEC ±0.08	CHECKED:				
	3) Note reference = X	ENGINEER:				
	MATERIAL SPECIFICATIONS:	APPROVAL:				
		CUSTOMER:				
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	PROCESS SPECIFICATIONS:					
	NEXT ASS'Y:	MANUFACTURING VARIATIONS.			SC	

Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036

M23B,PLUG,STR,9POS(4+5)

B C-MB1CKN0900 B2 SCALE: NONE SHEET 1 OF 1

M23B,PLUG,STR,9POS(4+5)

MB1CKN0900

[:] B2

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