







REVISIONS						
REV	ECO	DESCRIPTION	DATE	BY	APPR	
B1	-	RELEASE NEW DWG FORMAT	May.10,2014	Drack	Tommy	
B2	-	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

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	Drack Jun.27,2015		
2 PL DEC ±0.15 3 PL DEC ±0.08	CHECKED:		
3) Note reference = X	ENGINEER:		
	APPROVAL:		
MATERIAL SPECIFICATIONS:			
	CUSTOMER:		
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PROCESS SPECIFICATIONS:			
NEXT ASS'Y:			

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

M23B,PLUG,STR,8POS(4+4)

B C-MB1CKN0800 B2 SCALE: NONE SHEET 1 OF 1

M23B,PLUG,STR,8POS(4+4)

MB1CKN0800

[:] B2

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