

RECOMMENDED PANEL  
MOUNTING HOLE  
RECOMMENDED PANEL  
THICKNESS:1.6 TO 4.7MM


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	17/OCT/18	BROOK	TOMMY
A2	-	ADD MORE MATERIAL NOTES	24/OCT/18	ROOKIE	TOMMY

#### NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:**  
SHELL: ZINC ALLOY, NICKEL PLATED  
INSERT AND RETAINING RING: THERMOPLASTIC  
SEAL: SILICONE RUBBER
- MODIFICATIONS:** THREADED HOUSING; NORMAL DIA. SEAL
- SPECIFICATIONS:**
  - 1.1 OPERATING TEMPERATURE: -55°C TO +125°C.
  - 1.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - 1.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
  - 1.4 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
  - 1.5 MATING CYCLE DURABILITY: 100 CYCLES
  - 1.6 RoHS COMPLIANT
- MATING PART:** AHDM06-18-21S\* (\* = SEAL TYPE)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.**

#### 6. CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
20	1.02 mm (.040 in)	2.10 mm (.083 in)	16-22 AWG	7.5 AMPS

		AHDM04-18-21PN				DESCRIPTION		ITEM			
		PART NUMBER									
QUANTITY		MATERIALS LIST									
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		<div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a> 44724 Morley Drive Clinton Township, MI 48036</div>					
1) All dimensions are in metric(mm).		DRAWN:		ROOKIE						24/OCT/18	
2) Tolerances are as follows:		CHECKED:		ORION						24/OCT/18	
1 PL DEC ±0.30		ENGINEER:									
2 PL DEC ±0.15		APPROVAL:		TOMMY						24/OCT/18	
3 PL DEC ±0.08											
3) Note reference = 											
MATERIAL SPECIFICATIONS:											
PROCESS SPECIFICATIONS:											
NEXT ASSY:											