

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

SHELL: ZINC ALLOY, NICKEL PLATED
COUPLING RING: ALUMINUM ALLOY, NICKEL PLATED
INSERT AND RETAINING RING: THERMOPLASTIC
SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED HOUSING; REDUCED DIA. WIRE SEAL

3. SPECIFICATIONS:

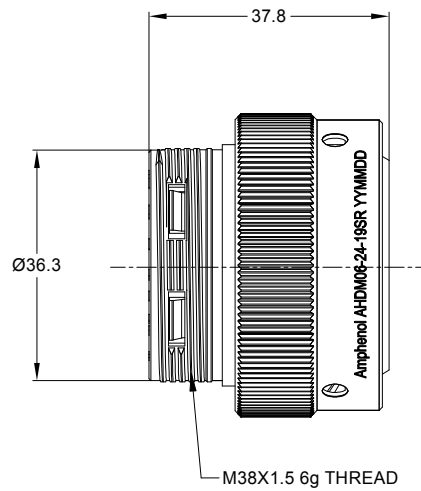
- 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 RoHS COMPLIANT

4. MATING PART: AHDM04-24-19P* (* = SEAL TYPE)

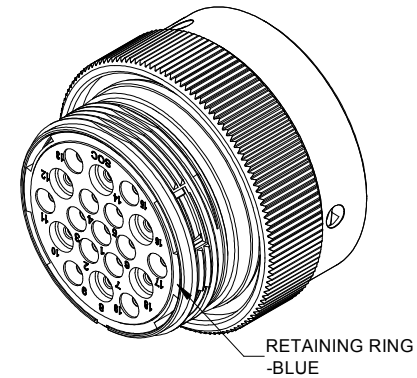
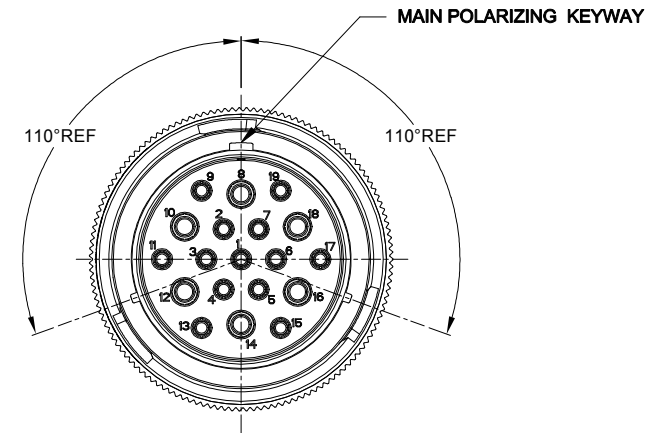
5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.


6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
12	2.46 mm (.097 in)	4.01 mm (.158 in)	10-14 AWG	25 AMPS
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14-20 AWG	13 AMPS



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	18/OCT/18	BROOK	TOMMY
A2	-	ADD MORE MATERIAL NOTES	25/OCT/18	BROOK	TOMMY



		AHDM06-24-19SR				DESCRIPTION		ITEM			
		PART NUMBER									
QUANTITY		MATERIALS LIST									
UNLESS OTHERWISE SPECIFIED				SIGNATURES		DATE		<div>Amphenol</div> <div>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</div> <div>PLUG, 24 SZ 19 SOC, RD, WIDE THD</div>			
1) All dimensions are in metric(mm).				DRAWN:		BROOK				25/OCT/18	
2) Tolerances are as follows:				CHECKED:		ORION				25/OCT/18	
1 PL DEC ±0.30				ENGINEER:							
2 PL DEC ±0.15				APPROVAL:		TOMMY				25/OCT/18	
3 PL DEC ±0.08				CUSTOMER:							
3) Note reference = 											
MATERIAL SPECIFICATIONS:											
PROCESS SPECIFICATIONS:				THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND PERFORMANCE DATA SHOWN HEREON ARE THE PROPERTY OF THE AMPHENOL CORPORATION. NO RIGHTS OF REPRODUCTION ARE IMPLIED. ALL DIMENSIONS ARE SUBJECT TO NORMAL MANUFACTURING VARIATIONS.							
NEXT ASSY:				SIZE		TYPE		DWG NO.		REVISION	
				B		C-		AHDM06-24-19SR		A2	
				SCALE		NONE				SHEET 1 OF 1	

TITLE: PLUG, 24 SZ 19 SOC, RD, WIDE THD
DWG NO.: AHDM06-24-19SR
REV: A2
SH: 1
OF: 1