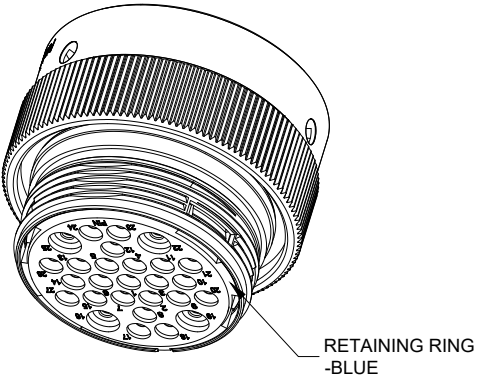
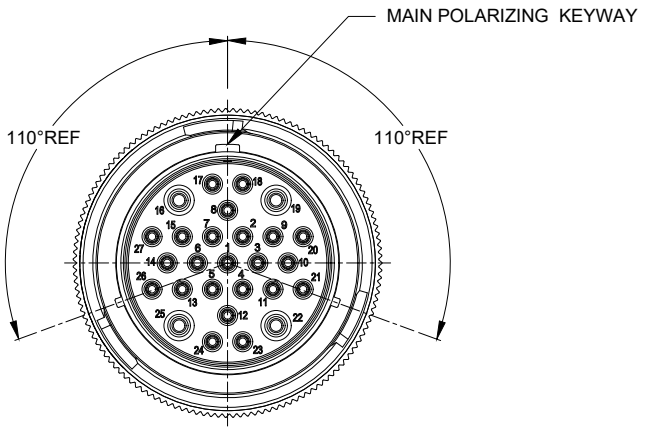
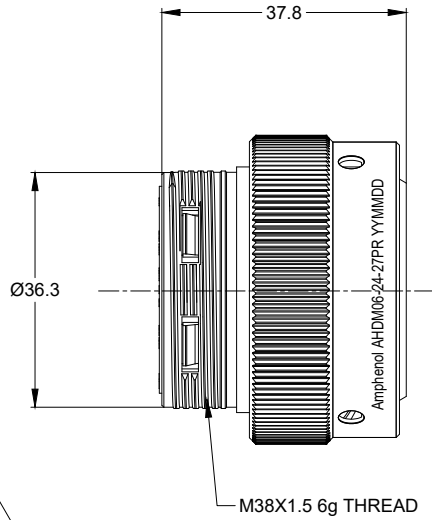
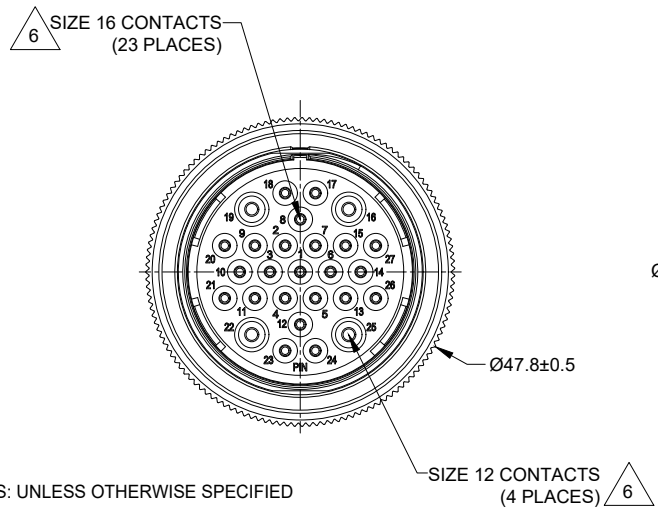


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	18/OCT/18	BROOK	TOMMY
A2	--	ADD MORE MATERIAL NOTES	25/OCT/18	BROOK	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
SHELL: ZINC ALLOY, NICKEL PLATED
COUPLING RING: ALUMINUM ALLOY, NICKEL PLATED
INSERT AND RETAINING RING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED HOUSING; REDUCED DIA. WIRE SEAL
- 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
- MATING PART: AHDM04-24-27S* (* = 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
16	1.35 mm (.053in)	2.62 mm (.103 in)	14-20 AWG	13 AMPS
12	2.46 mm (.097 in)	4.01 mm (.158 in)	10-14 AWG	25 AMPS

		AHDM06-24-27PR		DESCRIPTION		ITEM	
		PART NUMBER					
QUANTITY		MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
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 = 						PLUG, 24 SZ 27 PIN, RD, WIDE THD SIZE TYPE DWG NO. REVISION B C- AHDM06-24-27PR A2 SCALE NONE SHEET 1 OF 1	
MATERIAL SPECIFICATIONS:							
PROCESS SPECIFICATIONS:							
NEXT ASSY:							
		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.					

TITLE: PLUG, 24 SZ 27 PIN, RD, WIDE THD
DWG NO: AHDM06-24-27PR
REV: A2
SH: 1
OF: 1