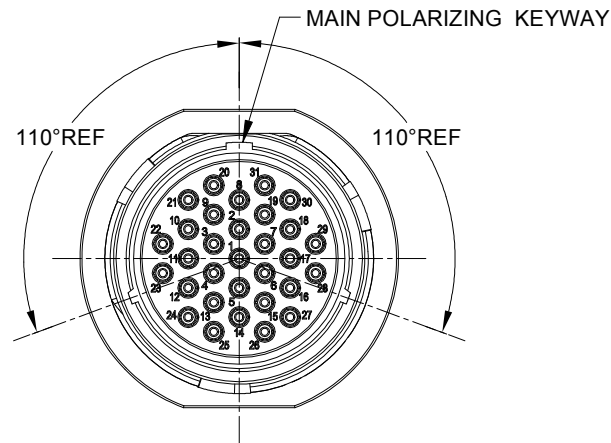




NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER

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

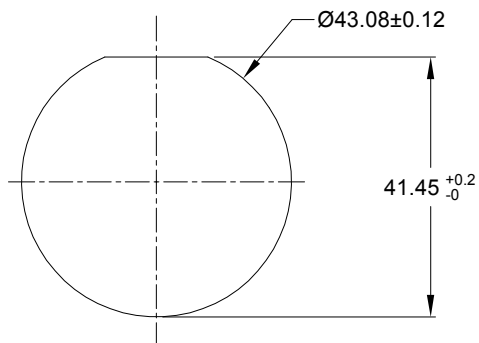
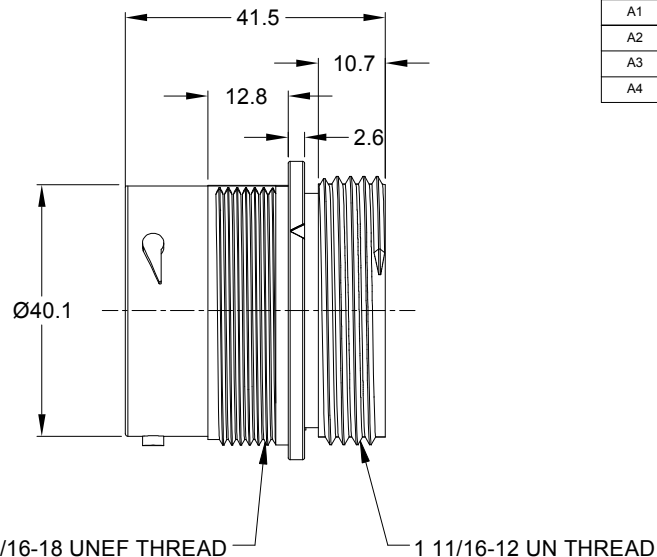
3. SPECIFICATIONS:
3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2
MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
3.5 MATING CYCLE DURABILITY: 100 CYCLES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

4. MATING PART: AHDP06-24-31P* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6. CONTACT SIZE AND WIRE RANGE:

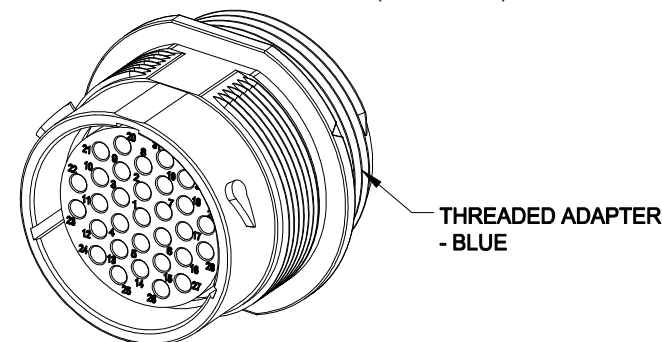
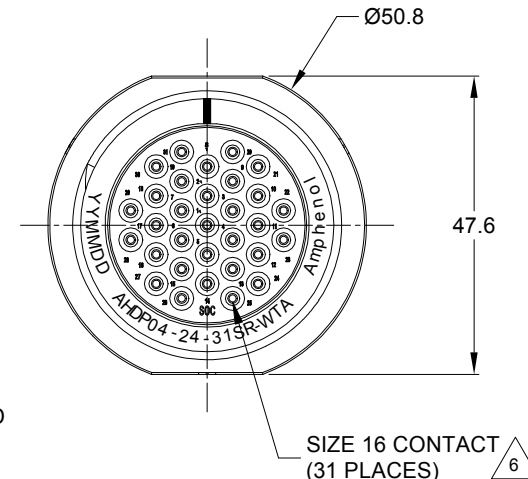
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
16	1.35 mm (.053in)	2.62 mm (.103in)	14-20 AWG	13 AMPS



RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS: 1.6 TO 4.7MM

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1		RELEASE NEW DRAWING	13NOV15	SULLEN	TOMMY
A2	C0765S	UPDATE SPECIFICATIONS	23NOV17	ROOKIE	TOMMY
A3	C0870S	Change the appearance of the retaining ring	26JUN18	KASOON	TOMMY
A4	C1001S	CHANGE THE WIRE SIZE	28DEC18	BROOK	TOMMY



AHDP04-24-31SR-WTA		PART NUMBER		DESCRIPTION		ITEM	
QUANTITY		MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 RECEP.,24-31 POS, SOCKET CONTACT REDUCED DIA. SEAL, AHDP SERIES	
1) All dimensions are in metric (mm).		DRAWN: BROOK		28DEC18			
2) Tolerances are as follows:		CHECKED: ORION		28DEC18			
1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		ENGINEER:					
3) Note reference = 		APPROVAL: TOMMY		28DEC18			
MATERIAL SPECIFICATIONS:		CUSTOMER:					
PROCESS SPECIFICATIONS:		THIS DRAWING IS SUPPLIED FOR INFORMATION ONLY. DESIGN FEATURES, SPECIFICATIONS AND DIMENSIONAL 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-		AHDP04-24-31SR-WTA	A4
		SCALE:		NONE		SHEET	1 OF 1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AHDP04-24-31SR-WTA](#)