

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:

HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED ADAPTER (WTA);
NORMAL 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:
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION);
IP69K (MATED CONDITION)
- 3.5 MATING CYCLE DURABILITY: 100 CYCLES
- 3.6 RoHS COMPLIANT

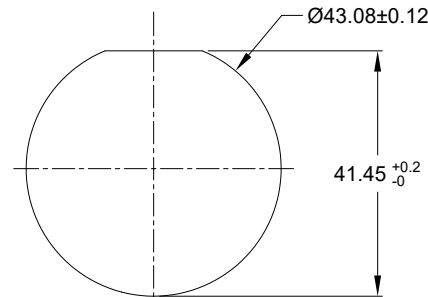
4. MATING PART: AHDP06-24-33P*-XXX (*=SEAL TYPE, XXX=ALL MODIFICATIONS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

△ CONTACT SIZE AND WIRE RANGE:

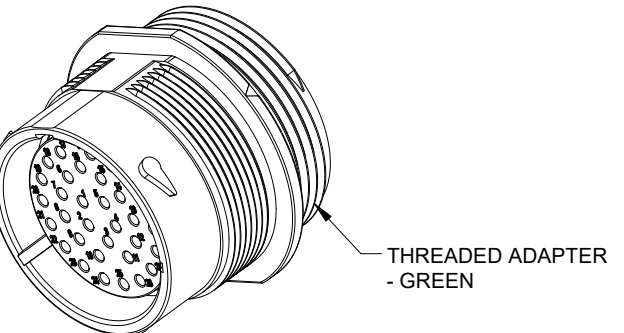
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
20	1.02 mm (.040 in)	2.41 mm (.095 in)	16-22 AWG (1.5-0.35mm²)	7.5 AMPS

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.




RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS: 1.6 TO 4.7MM



THREADED ADAPTER - GREEN

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	17/JAN/24	LYNCH	TOMMY

AHPD04-24-33SN-WTA		DESCRIPTION		ITEM	
QUANTITY	PART NUMBER	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>	
1) All dimensions are in metric(mm).		DRAWN: LYNCHPAN	17/JAN/24		
2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08		CHECKED: SULENZHANG	18/JAN/24		
3) Note reference = 		ENGINEER:			
MATERIAL SPECIFICATIONS:		APPROVAL: TOMMYXIE	18/JAN/24		
WEIGHT: 67.57g		CUSTOMER:	RECEPTACLE,24-33 POS, SOCKET CONTACT NORMAL DIA. SEAL, AHPD SERIES		
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 B		TYPE C-	DWG NO: AHPD04-24-33SN-WTA	REVISION A1
		SCALE NONE	SHEET 1 OF 1		