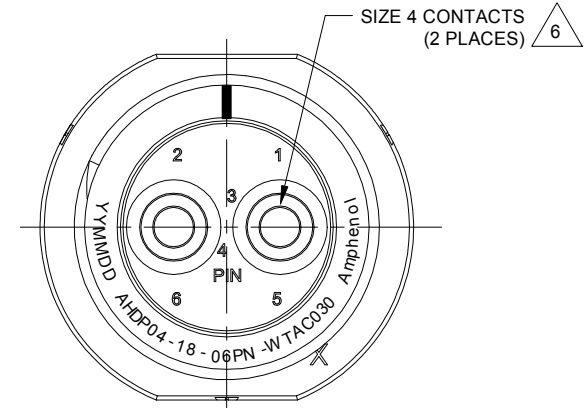
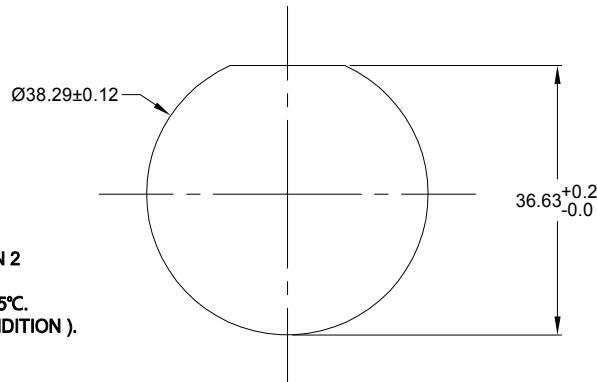


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	02JAN19	BROOK	TOMMY

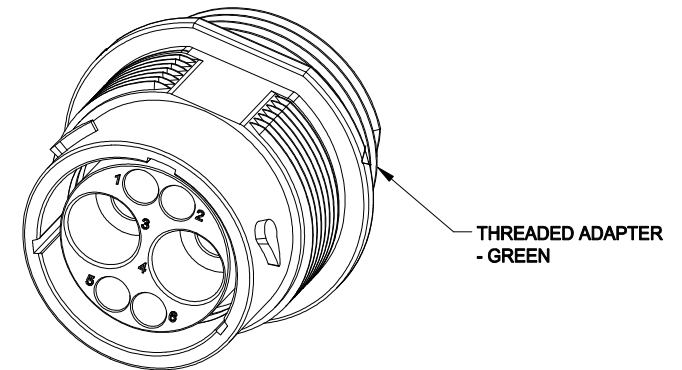


**NOTES: UNLESS OTHERWISE SPECIFIED**

- MATERIAL:**  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER
- MODIFICATIONS:** THREADED ADAPTER;
- SPECIFICATIONS:**
  - OPERATING TEMPERATURE: -55°C TO +125°C.
  - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
  - INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
  - MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART:** AHDP06-18-06S\* (\* = SEAL TYPE)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.**



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



**6 CONTACT SIZE AND WIRE RANGE:**

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261in)	7.42 mm (.292 in)	6 AWG	100 AMPS

AHDPO4-18-06PN-WTAC030		PART NUMBER		DESCRIPTION		ITEM
QUANTITY		<b>MATERIALS LIST</b>				
<b>UNLESS OTHERWISE SPECIFIED</b>		<b>SIGNATURES</b>		<b>DATE</b>		<p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p>
1) All dimensions are in metric (mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 3) Note reference =		DRAWN: JONY XIE		02JAN19		
		CHECKED: ORION LI		02JAN19		
		ENGINEER: TOMMY XIE		02JAN19		
MATERIAL SPECIFICATIONS:		CUSTOMER:		APPROVAL:		RECEPTACLE, 18-02POS, PIN CONTACT STANDARD DIA. SEAL, AHDP 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.		SCALE: NONE		
NEXT ASSY:		REVISION		A1		
		SIZE		DWG NO:		
		B C-		AHDPO4-18-06PN-WTAC030		
		SHEET		OF		
		1		1		

TITLE: RECEPTACLE, 18-02POS, PIN CONTACT, STANDARD DIA. SEAL, AHDP  
 DWG NO: AHDPO4-18-06PN-WTAC030  
 REV: A1  
 SH: 1  
 OF: 1