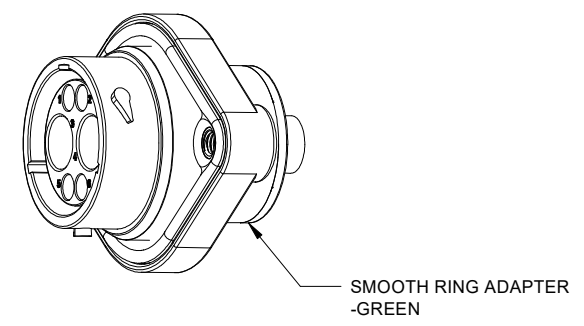
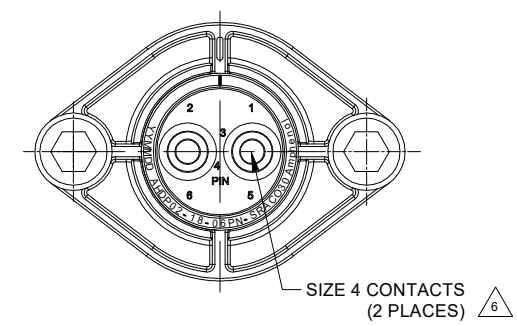
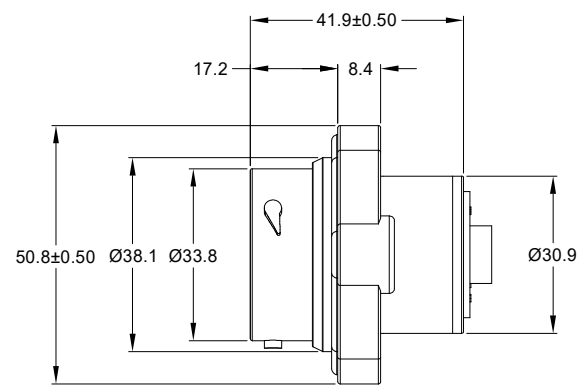
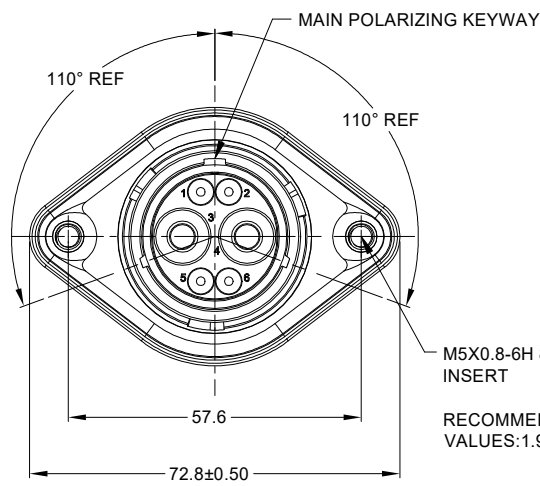


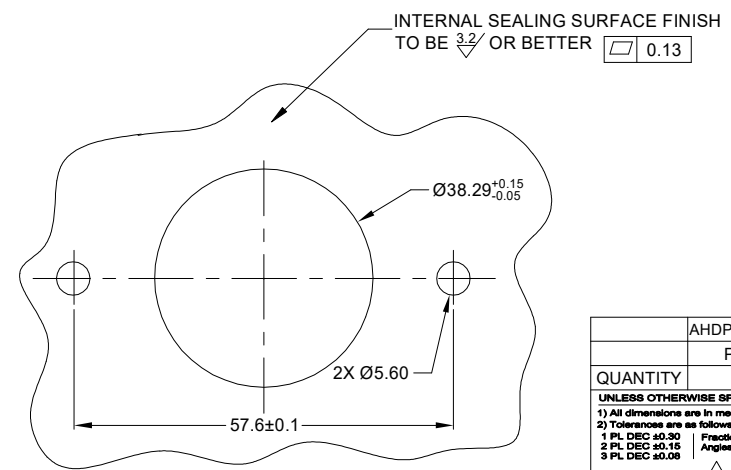


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
THREADED INSERT: STAINLESS STEEL
- MODIFICATIONS: SMOOTH RING ADAPTER(SRA);
STANDARD DIA,WIRE SEAL;
SEALED PANEL MOUNT;
- 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: AHDP06-18-06S* (* = SEAL TYPE) (C030 OPTION)
- 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
4	6.63 mm (.261in)	7.41mm (.292 in)	6 AWG (16-13mm²)	100 AMPS



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

REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	15JUL20	VITO	TOMMY

AHDP02-18-06PN-SRAC030		PART NUMBER		DESCRIPTION		ITEM			
QUANTITY		MATERIALS LIST							
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE					
1) All dimensions are in metric(mm).		DRAWN:		VITOJ 15JUL20					
2) Tolerances are as follows:		CHECKED:		ORIONJ 17JUL20					
1 PL DEC ±0.30		ENGINEER:							
2 PL DEC ±0.15		APPROVAL:		TOMMYXIE 20JUL20					
3 PL DEC ±0.08		CUSTOMER:							
3) Note reference =		X							
MATERIAL SPECIFICATIONS:		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 2 POS, RECEPTACLE, PIN, PANELMATE AHDP SIZE 18, NORMAL SEAL, SRA							
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.		SIZE		TYPE		DWG NO:		REVISION	
		B		C-		AHDP02-18-06PN-SRAC030		A1	
SCALE		NONE						SHEET 1 OF 1	

TITLE: 2 POS, RECEPTACLE, PIN, PANELMATE AHDP SIZE 18, NORMAL SEAL, SRA
DWG NO.: AHDP02-18-06PN-SRAC030
REV: A1
SH: 1
OF: 1

ARB, ATHD and DuraMate™ Series

Size 4 Contact & Tooling Options

Contacts - Machined

Part Number	Type	Style	Contact Size	Amp	Wire Range (AWG)	Wire Range (mm²)	Insulation OD (mm)	Plating	Reel Size	Packaging
AT60-203-04141-4	Pin	Machined	Size 4	100A	4AWG	-	-	Nickel-Plated	-	-
AT60-203-0431-4	Pin	Machined	Size 4	100A	4AWG	-	-	Gold-Plated	-	-
AT60-204-0490	Pin	Machined	Size 4	100A	6AWG	-	-	Nickel-Plated	-	-
AT62-203-04141	Socket	Machined	Size 4	100A	6AWG	-	-	Nickel-Plated	-	-
AT62-203-04141-4	Socket	Machined	Size 4	100A	4AWG	-	-	Nickel-Plated	-	-
AT62-203-0431-4	Socket	Machined	Size 4	100A	4AWG	-	-	Gold-Plated	-	-

Tooling

Part Number	Tool Name	Style	Contact Size	Wire Range (AWG)	Material	Color
96-978-22	Crimper and Die	Machined	Size 3.6mm-10mm	10mm²-185mm²	n/a	n/a
AT11-027-0405	Contact Extraction Tool	Machined	Size 4	4AWG	Plastic	Black
WA23	Pneumatic Crimp Tool	Machined	-	8-0000AWG	-	-
WA23-138DA	WA23 Die Assembly for Pneumatic Crimp Tool	Machined	Size 4	4AWG	-	Silver
WA23-11	WA23 Locator for Pneumatic Crimp Tool	Machined	Size 4	4AWG	-	Blue