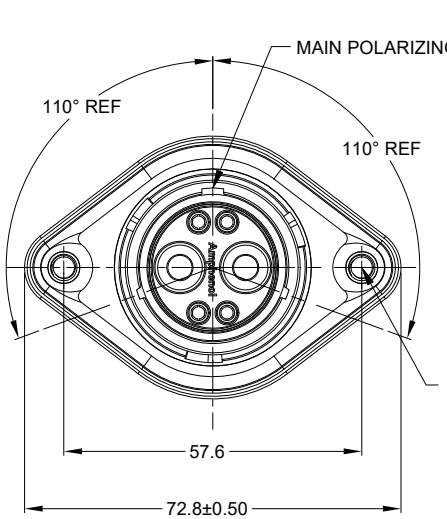
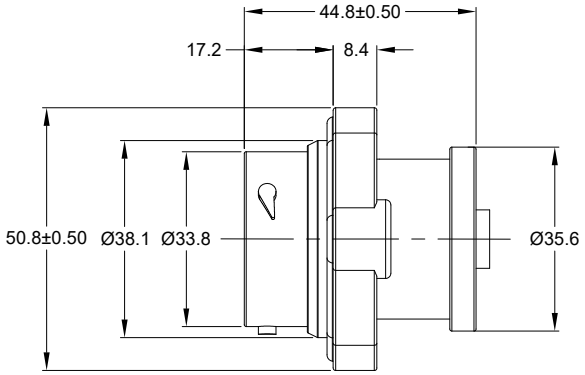
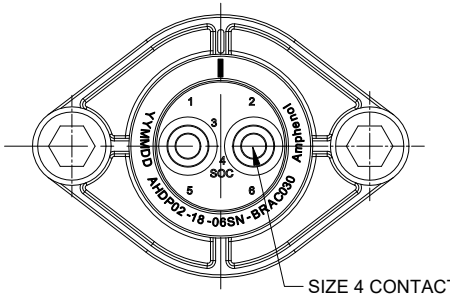
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	28MAR22	VITO	TOMMY
A2	--	REVISE THE VIEWS	1/MAR/23	VITO	TOMMY





M5X0.8-6H 8mm(2X) DEEP THREADED INSERT

RECOMMENDED TORQUE VALUES:1.9-2.2 N.m



SIZE 4 CONTACTS (2 PLACES) △6

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC; BLACK
   SEAL: SILICONE RUBBER
   THREADED INSERT: STAINLESS STEEL

2. MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
   STANDARD DIA. WIRE SEAL.
   SEALED PANEL MOUNT;

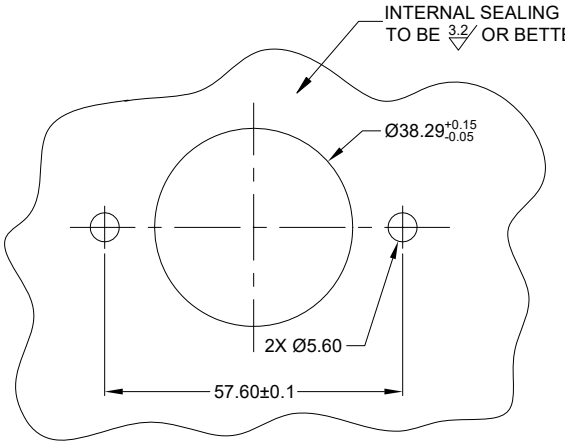
3. SPECIFICATIONS:
   3.1 OPERATING TEMPERATURE: -55℃ TO +125°C.
   3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
   3.4 MOISTURE RESISTANCE:
   IP68(IM OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION);
   IP69K (MATED CONDITION)
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT

4. MATING PART: AHDP06-18-06P* (* = SEAL TYPE) (C030 OPTION)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

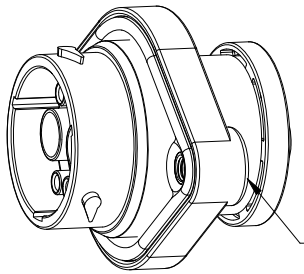
△6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
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



BACKSHELL RING ADAPTER -GREEN

	AHDP02-18-06SN-BRAC030		
QUANTITY	PART NUMBER	DESCRIPTION	ITEM

MATERIALS LIST

UNLESS OTHERWISE SPECIFIED
1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:
WEIGHT: 52.7g

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	VITO.LI	1/MAR/23
CHECKED:	SULLEN.ZHANG	02/MAR/22
ENGINEER:		
APPROVAL:	TOMMY.XIE	03/MAR/22
CUSTOMER:		

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

2POS, RECEPT, SOCKET,
PANELMATE AHDP SIZE 18, NORMAL SEAL, BRA, C030

SIZE	TYPE	DWG NO:	REVISION
B	C-	AHDP02-18-06SN-BRAC030	A2

SCALE: NONE | DURAMATE | SHEET 1 OF 1

TITLE: 2POS, RECEPT, SOCKET, PANELMATE AHDP SIZE 18, NORMAL SEAL, BRA, C030
DWG NO: AHDP02-18-06SN-BRAC030
REV: A2
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 (mm^2)	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	$10mm^2$-$185mm^2$	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