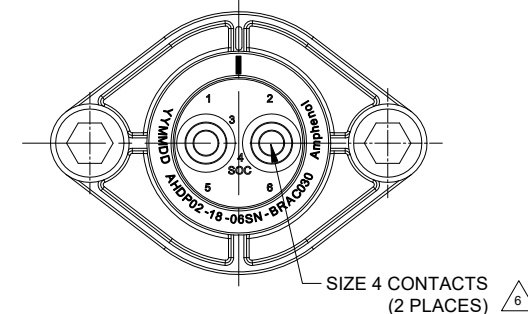


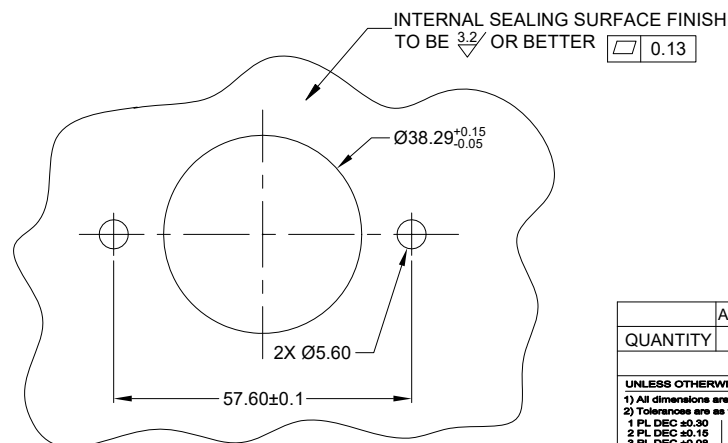
RECOMMENDED TORQUE
VALUES:1.9-2.2 N.m

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

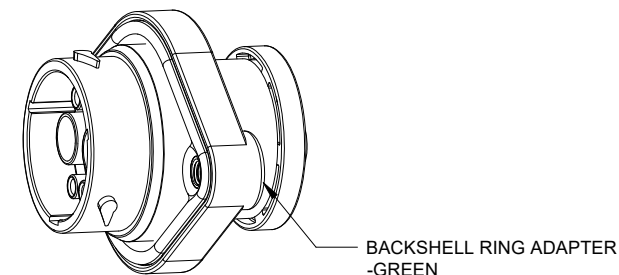



6 CONTACT SIZE AND WIRE RANGE:

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 (16-13mm ²)	100 AMPS



RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM



AHPD2018-06SN-BRAC030			
QUANTITY	PART NUMBER	DESCRIPTION	ITEM
MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: PL DEC ± 0.30 2 PL DEC ± 0.16 3 PL DEC ± 0.08 Fractions $\pm 1/64$ Angles $\pm 1^\circ$ 3) Note reference = 		SIGNATURES DATE DRAWN: <u>VTO.LJ</u> <u>1/MAR/23</u> CHECKED: <u>SULLENZWING</u> <u>02/MAR/22</u> ENGINEER: APPROVAL: <u>TOMMY XIE</u> <u>03/MAR/22</u> CUSTOMER:	
MATERIAL SPECIFICATIONS: <div style="text-align: center;">WEIGHT: 52.7g</div>		<div style="text-align: center;"> Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 </div>	
PROCESS SPECIFICATIONS: NEXT ASSY:		2POS, RECEPT, SOCKET, PANELMATE AHPD SIZE 18, NORMAL SEAL, BRA, C030 SIZE TYPE DWG NO: AHPD02-18-06SN-BRAC030 REV/SK: A2 SCALE: NONE DURAMATE SHEET 1 OF	

A Series™ - Contact Size 4 Options (Works with: ATHD and DuraMate Series)

Machined Contacts, Pins and Sockets					
Part Number	Description	Size	AWG	Type	Amps
AT60-203-04141-4	Male Contact - Pin, Copper Alloy, Nickel-Plated	4	4	Machined	100A
AT60-204-0490	Male Contact - Pin, Copper Alloy, Nickel-Plated	4	6	Machined	100A
AT62-203-04141-4	Female Contact - Socket, Copper Alloy, Nickel-Plated	4	4	Machined	100A
AT62-203-04141	Female Contact - Socket, Copper Alloy, Nickel-Plated	4	6	Machined	100A

Tooling - Machined Contacts	
Part Number	Description
WA23	Heavy Duty Pneumatic Crimp Tool -Uses Universal Positioner Part No. WA23-101DA and Crimp Locator MFX-3961
WA23-138DA	Die Assembly -for Heavy Duty Pneumatic Crimp Tool, Size 4
WA23-11	Contact Locator, Size 4
96-978-22	Crimper and Dies -for Size 10mm²-185mm² Wires
AT11-027-0405	Contact Removal Tool, Plastic, Size 4, 4AWG