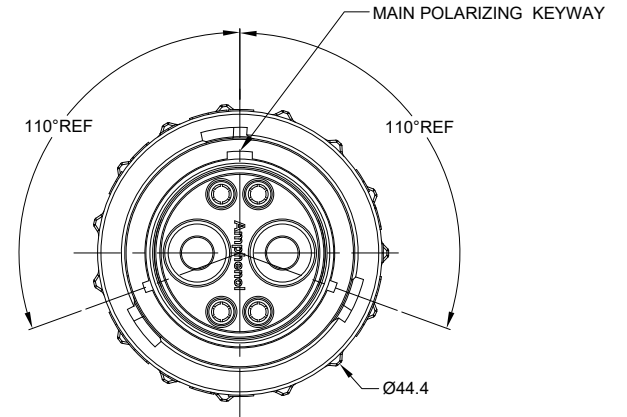
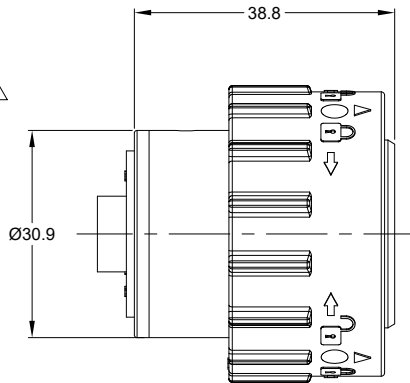
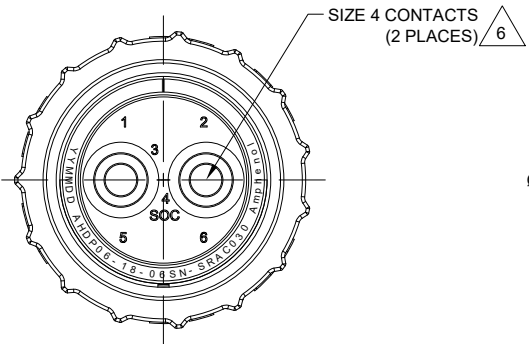


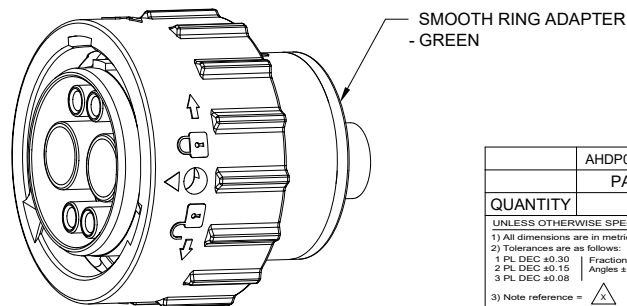


NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
2. MODIFICATIONS: SMOOTH RING ADAPTER;
STANDARD 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: IP67&IP69K (MATED CONDITION).
 - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.6 RoHS COMPLIANT
4. MATING PART: AHDP04-18-06P* (* = 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)	7.41 mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS



REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	19/AUG/20	IAN	TOMMY

AHDP06-18-06SN-SRAC030		REF:HDP26-18-6SN-C030		
PART NUMBER		DESCRIPTION		ITEM
QUANTITY	MATERIALS LIST			
UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE
1) All dimensions are in metric(mm).		DRAWN:		IAN XIAO
2) Tolerances are as follows:		CHECKED:		ORION LI
1 PL DEC ±0.30		ENGINEER:		20/AUG/20
2 PL DEC ±0.15		APPROVAL:		TOMMY XIE
3 PL DEC ±0.08		CUSTOMER:		21/AUG/20
3) Note reference = 		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.		
MATERIAL SPECIFICATIONS:		SIZE: B C-		TYPE: NONE
PROCESS SPECIFICATIONS:		DWG NO: AHDP06-18-06SN-SRAC030		REVISION: A1
NEXT ASSY:		SCALE: NONE		SHEET 1 OF 1

Amphenol

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

PLUG, 18 SZ, 6 PIN, STD ARRANGEMENT, NORMAL SEAL, CAVITIES 1, 2, 5, 6 BLOCKED, SRA, DURAMATE AHDP SERIES

TITLE: 18-06SN-SRAC030 (NORMAL SEAL) CAVITIES 1,2,5,6 BLOCKED SRA DURAMATE AHDP SERIES

DWG NO: AHDP06-18-06SN-SRAC030

REV: A1

SH: 1

OF: 1

SHEET 1 OF 1

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