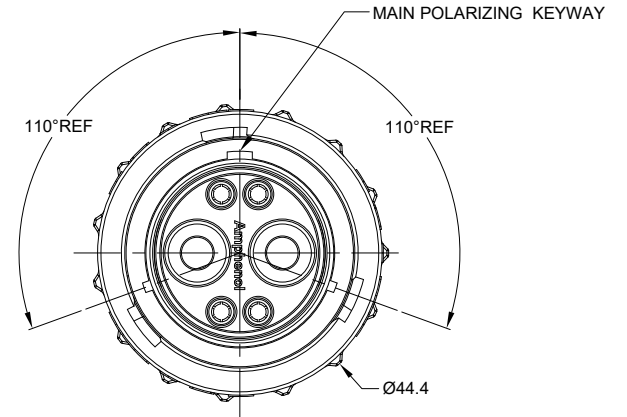
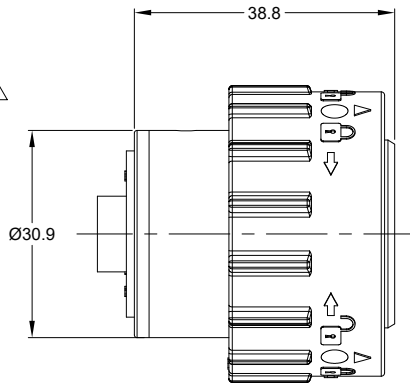
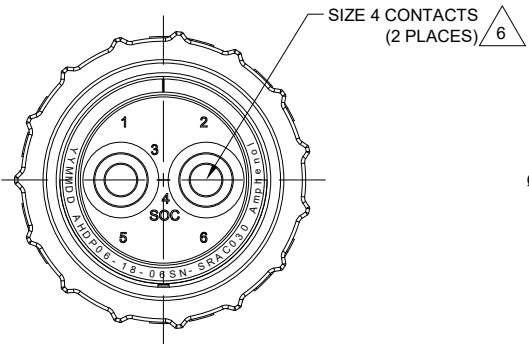


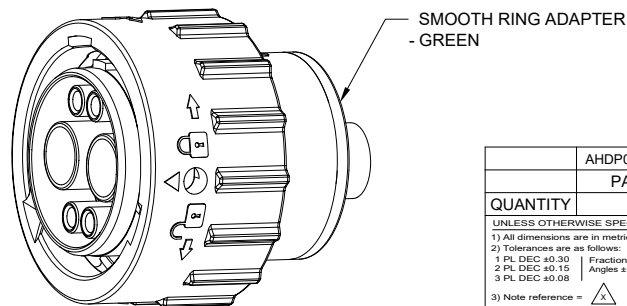


NOTES: UNLESS OTHERWISE SPECIFIED

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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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