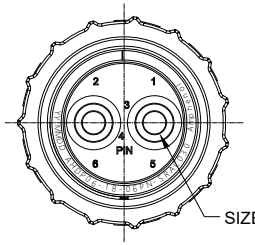
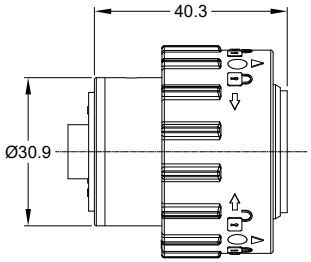
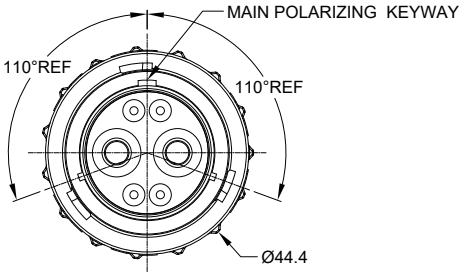
| REVISIONS | | | | | |
|---|---|---|---|---|---|
| REV | ECO | DESCRIPTION | DATE | BY | APPR |
| A1 | -- | RELEASE NEW PRODUCT | 19/AUG/20 | IAN | Tommy |




NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC; BLACK
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: THREADED ADAPTER;
   STANDARD DIA. WIRE SEAL

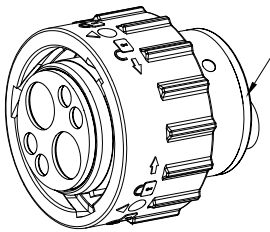
3. SPECIFICATIONS:
   3.1 OPERATING TEMPERATURE: -55℃ TO +125℃.
   3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25℃.
   3.4 MOISTURE RESISTANCE: IP67&IP69K ( MATED CONDITION ).
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT

4. MATING PART: AHDP04-18-06S* ( * = 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 (16.0-13.0mm²) | 100 AMPS |




| | AHDP06-18-06PN-SRAC030 | REF:HDP26-18-6PN-C030 | |
|---|---|---|---|
| | PART NUMBER | DESCRIPTION | ITEM |
| QUANTITY | 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:

PROCESS SPECIFICATIONS:

NEXT ASSY:

| SIGNATURES | | DATE |
|---|---|---|
| DRAWN: | IAN.XIAO | 19/AUG/20 |
| CHECKED: | Orion | 20/AUG/20 |
| ENGINEER: | | |
| APPROVAL: | Tommy | 21/AUG/20 |
| CUSTOMER: | | |

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.

Amphenol

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

PLUG, 18 SZ, 2 POS, PIN CONTACT
STANDARD DIA. SEAL, DURAMATE AHDP SERIES

| SIZE | TYPE | DWG NO: | REVISION |
|---|---|---|---|
| B | C- | AHDP06-18-06PN-SRAC030 | A1 |

SCALE: NONE SHEET 1 OF 1

TITLE:PLUG,18 SZ,2 POS,PIN CONT.,STANDARD DIA. SEAL,DURAMATE AHDP SERIES | DWG NO: AHDP06-18-06PN-SRAC030 | REV: A1 | SH: 1 | OF: 1

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# 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 |
| | | | | | | |



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