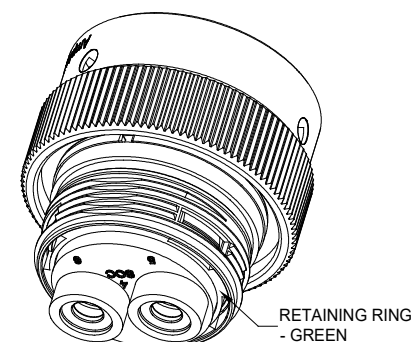
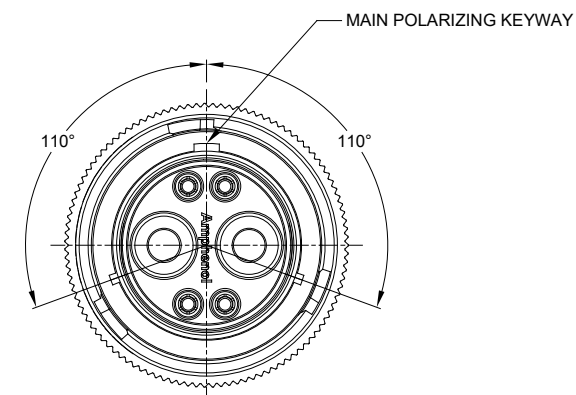
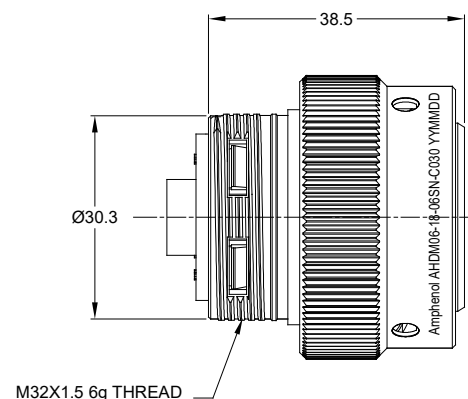
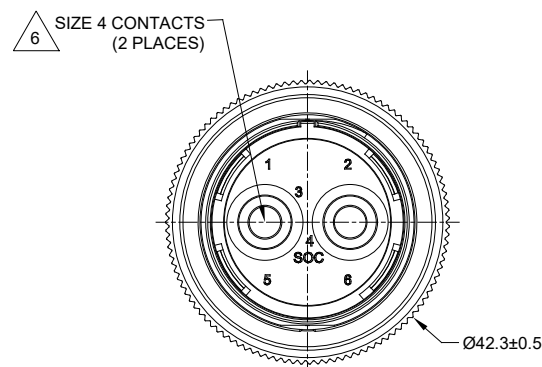


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW PRODUCT	24/OCT/19	ROOKIE	TOMMY
A2	--	REVISED MATING P/N NOTE	08/APR/20	JAH	DH



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
SHELL: ZINC ALLOY, NICKEL PLATED
COUPLING RING: ALUMINUM ALLOY, NICKEL PLATED
INSERT AND RETAINING RING: THERMOPLASTIC
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED HOUSING; NORMAL DIA. SEAL
- 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
- MATING PART: AHDM04-18-06P* (* = SEAL TYPE) (C030 OPTION)
- 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)	4-6 AWG	100 AMPS

AHDM06-18-06SN-C030		REF:HD36-18-06SN-C030	
PART NUMBER		DESCRIPTION	
QUANTITY		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 = 		SIGNATURES DATE DRAWN: ROOKIE 24/OCT/19 CHECKED: ORION 24/OCT/19 ENGINEER: APPROVAL: TOMMY 24/OCT/19	
MATERIAL SPECIFICATIONS:		CUSTOMER:	
PROCESS SPECIFICATIONS:		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.	
NEXT ASSY:		SIZE TYPE DWG NO. REVISION B C- AHDM06-18-06SN-C030 A2	
SCALE: NONE		SHEET 1 OF 1	

TITLE: PLUG, 18 SZ 02 SOC, N, WIDE THD
DWG NO: AHDM06-18-06SN-C030
REV: A2
SH: 1
OF: 1

DuraMate™ ATHD Series™ - Contact Size 4 Options

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	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

Contact Removal Tools		
Part	Part Number	Description
	AT11-027-0405	Contact Removal Tool, Plastic, Size 4, 4AWG