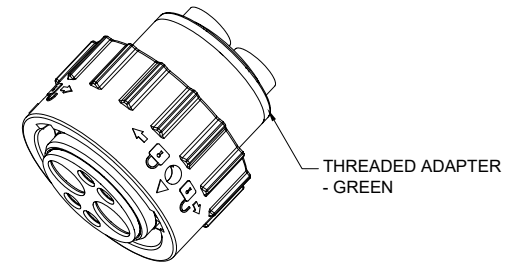
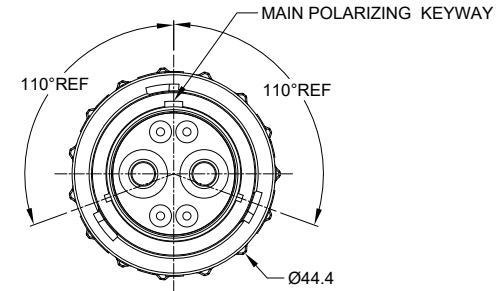
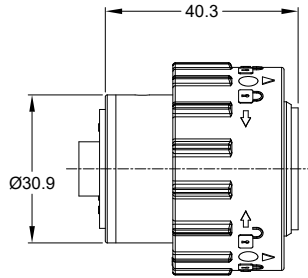
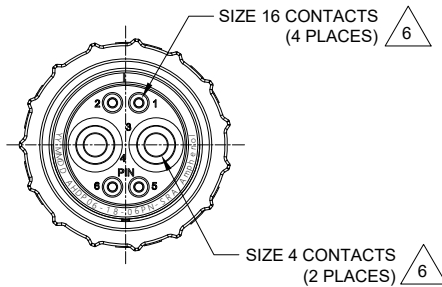


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW PRODUCT	19/AUG/20	IAN	Tommy



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: THREADED ADAPTER;
STANDARD DIA. WIRE SEAL
- SPECIFICATIONS:
 - OPERATING TEMPERATURE: -55°C TO +125°C.
 - DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
 - MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
 - MATING CYCLE DURABILITY: 100 CYCLES
 - RoHS COMPLIANT
- MATING PART: AHDP04-18-06S* (* = SEAL TYPE) (NOT C030 OPTION)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

$\triangle 6$ CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
16	2.54 mm (.100in)	3.40 mm (.134 in)	14-20 AWG (2.0-0.5mm ²)	13 AMPS
4	6.63 mm (.261in)	7.41mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS

AHP06-18-06PN-SRA		REF:HDP26-18-6PN		
PART NUMBER		DESCRIPTION		
QUANTITY	MATERIALS LIST			ITEM
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				<p>Amphenol</p> <p>Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036</p> <p>PLUG, 18 SZ, 6 POS, PIN CONTACT, STANDARD DIA. SEAL, DURAMATE AHDP SERIES</p>
SIGNATURES		DATE		
DRAWN: IAN XIAO		19/AUG/20		
CHECKED: Orion		20/AUG/20		
ENGINEER:				
APPROVAL: Tommy		21/AUG/20		
MATERIAL SPECIFICATIONS:				
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.				
PROCESS SPECIFICATIONS:		SIZE: B C-	TYPE: AHDP06-18-06PN-SRA	REVISION: A1
NEXT ASSY:		SCALE: NONE	SHEET 1 OF 1	

TITLE: PLUG, 18 SZ, 6 POS, PIN CONTACT, STANDARD DIA. SEAL, DURAMATE AHDP SERIES DWG NO: AHP06-18-06PN-SRA REV: A1 SH: 1 OF: 1