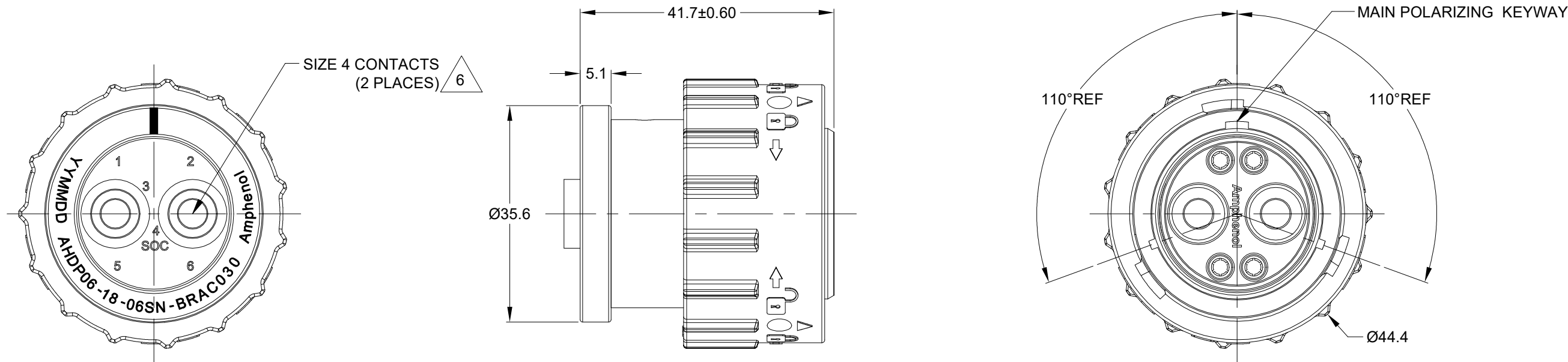


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	30/MAR/22	MILO	TOMMY

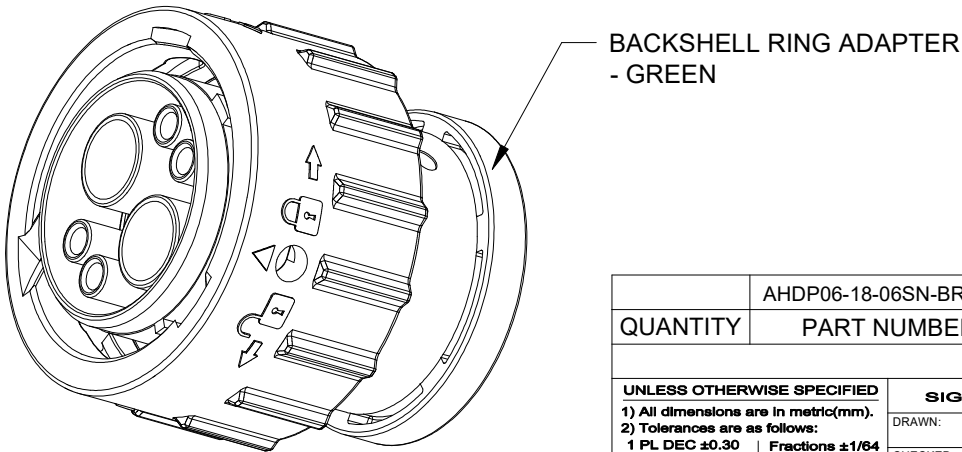


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
STANDARD DIA. WIRE 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:
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS, MATED
CONDITION);
IP69K(MATED CONDITION).
3.5 MATING CYCLE DURABILITY: 100 CYCLES
3.6 RoHS COMPLIANT
- MATING PART: AHDP02-18-06P* & AHDP04-18-06P* (* = 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)	7.42 mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS



		AHDP06-18-06SN-BRAC030			
QUANTITY		PART NUMBER		DESCRIPTION	
				ITEM	
MATERIALS LIST					
UNLESS OTHERWISE SPECIFIED 1) All dimensions are in metric(mm). 2) Tolerances are as follows: 1 PL DEC ±0.30 2 PL DEC ±0.15 3 PL DEC ±0.08 Fractions ±1/64 Angles ±1° 3) Note reference = 		SIGNATURES DRAWN: MIO CHECKED: SULLEN ENGINEER: APPROVAL: TOMMY CUSTOMER:		DATE 30/MAR/22 31/MAR/22 01/APR/22	
MATERIAL SPECIFICATIONS: WEIGHT: 44.4g				Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
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.		2POS, PLUG, SOCKET, SIZE 18, NORMAL SEAL, BRA, C030, DURAMATE AHDP	
NEXT ASS'Y:		SIZE B		TYPE C-	DWG NO: AHDP06-18-06SN-BRAC030
		SCALE: NONE		DURAMATE	REVISION A1
		SHEET 1		OF 1	

TITLE: 2POS, PLUG, SOCKET, SIZE 18, NORMAL SEAL, BRA, C030, DURAMATE AHDP

DWG NO: AHDP06-18-06SN-BRAC030

REV: A1

SH: 1

OF: 1