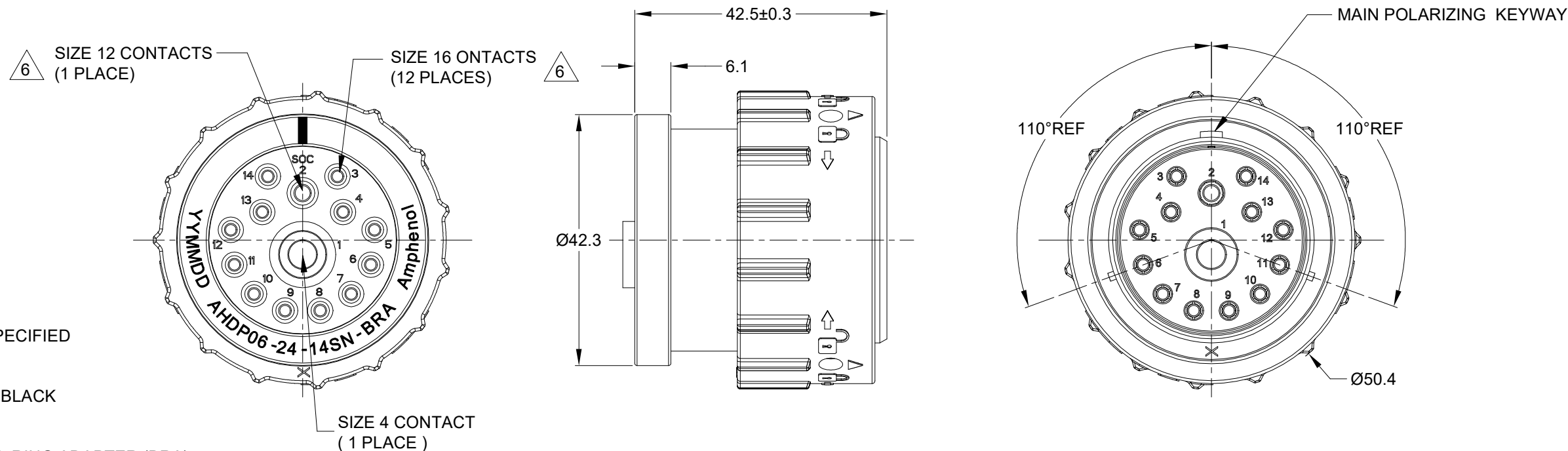


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	Oct/08/22	IAN	TOMMY



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: AHDP04-24-14P* (* = SEAL TYPE)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261 in)	7.41 mm (.292 in)	6 AWG (16.0-13.0mm²)	100 AMPS
12	3.43 mm (.135 in)	4.32 mm (.170 in)	10-14 AWG (6.0-2.0mm²)	25 AMPS
16	2.54 mm (.100 in)	3.40 mm (.134 in)	14-20 AWG (2.0-0.5mm²)	13 AMPS

		AHDP06-24-14SN-BRA		REF:HDP26-24-14SN-L017				
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 3) Note reference = 		SIGNATURES DRAWN: LUCAS.CHAI CHECKED: ORION.LI ENGINEER: APPROVAL: TOMMY.XIE CUSTOMER:		DATE Oct/08/22 Oct/10/22 Oct/14/22		Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036 14POS,PLUG,SOC,24SZ, NORMAL SEAL,BRA,DURAMATE AHDP		
MATERIAL SPECIFICATIONS: WEIGHT: 60.5g								
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-		AHDP06-24-14SN-BRA		A1
		SCALE:		NONE		DURAMATE		SHEET 1 OF 1

TITLE: 14POS,PLUG,SOC,24SZ,NORMAL SEAL,BRA,DURAMATE AHDP
DWG NO: AHDP06-24-14SN-BRA
REV: A1
SH: 1
OF: 1