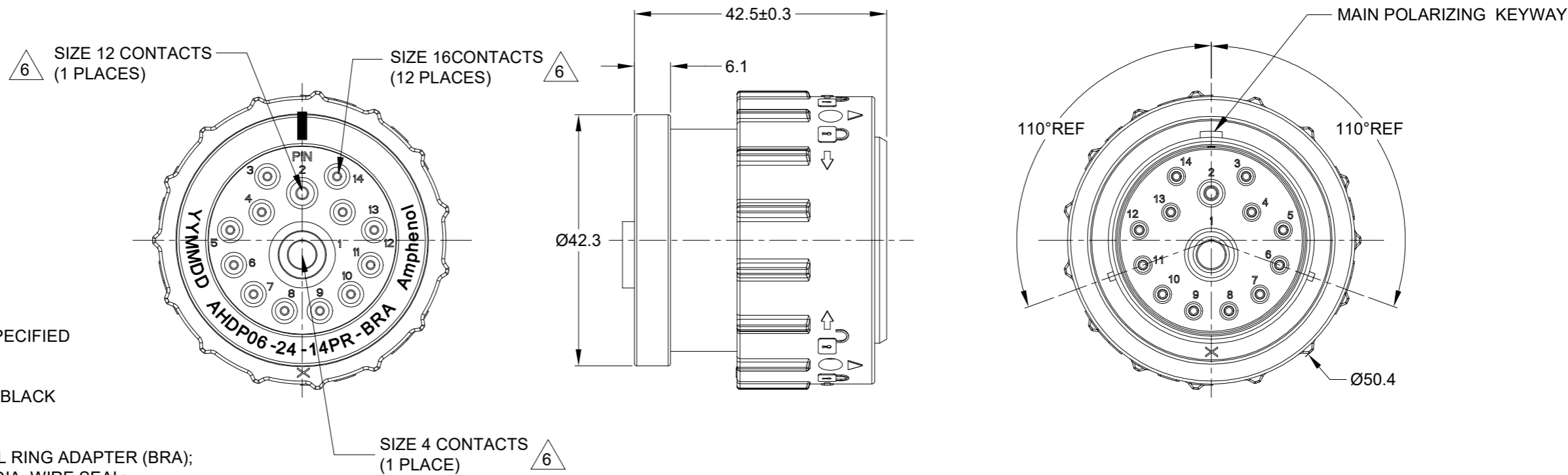


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	-	RELEASE NEW DRAWING	Oct/08/22	IAN	TOMMY

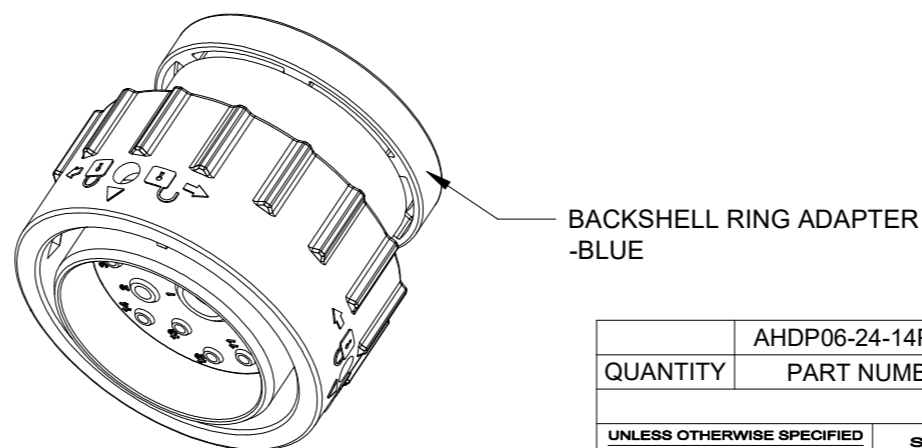


NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER
- MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);  
REDUCED 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:  
IP68(IM OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION);  
IP69K(MATED CONDITION)
  - MATING CYCLE DURABILITY: 100 CYCLES
  - RoHS COMPLIANT
- MATING PART: AHDP04-24-14S\* (\* = 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 (16.0-13.0mm <sup>2</sup> )	100 AMPS
12	2.46 mm (.135 in)	4.01 mm (.158 in)	10-14 AWG (6.0-2.0mm <sup>2</sup> )	25 AMPS
16	1.35 mm (.053 in)	3.05 mm (.120 in)	14-20 AWG (2.0-0.5mm <sup>2</sup> )	13 AMPS



QUANTITY	PART NUMBER	DESCRIPTION	ITEM
	AHDP06-24-14PR-BRA	REF:HDP26-24-14PE-L017	
<b>MATERIALS LIST</b>			
<b>UNLESS OTHERWISE SPECIFIED</b> 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 = △		<b>SIGNATURES</b> DRAWN: LUCAS.CHAI CHECKED: ORION.LI ENGINEER: APPROVAL: TOMMY.XIE	<b>DATE</b> Oct/08/22 Oct/10/22 Oct/14/22
MATERIAL SPECIFICATIONS:  <b>WEIGHT: 60.5g</b>		<b>Amphenol</b> Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036	
PROCESS SPECIFICATIONS:  NEXT ASSY:		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.	
		<b>SIZE</b> <b>B C-</b>	<b>REVISION</b> <b>A1</b>
		SCALE: NONE	DWG NO: <b>AHDP06-24-14PR-BRA</b> SHEET 1 OF 1

TITLE: 14POS,PLUG,PIN,24SZ,REDUCED SEAL,BRA,DURAMATE,AHDP  
 DWG NO: AHDP06-24-14PR-BRA  
 REV: A1  
 SH: 1  
 OF: 1