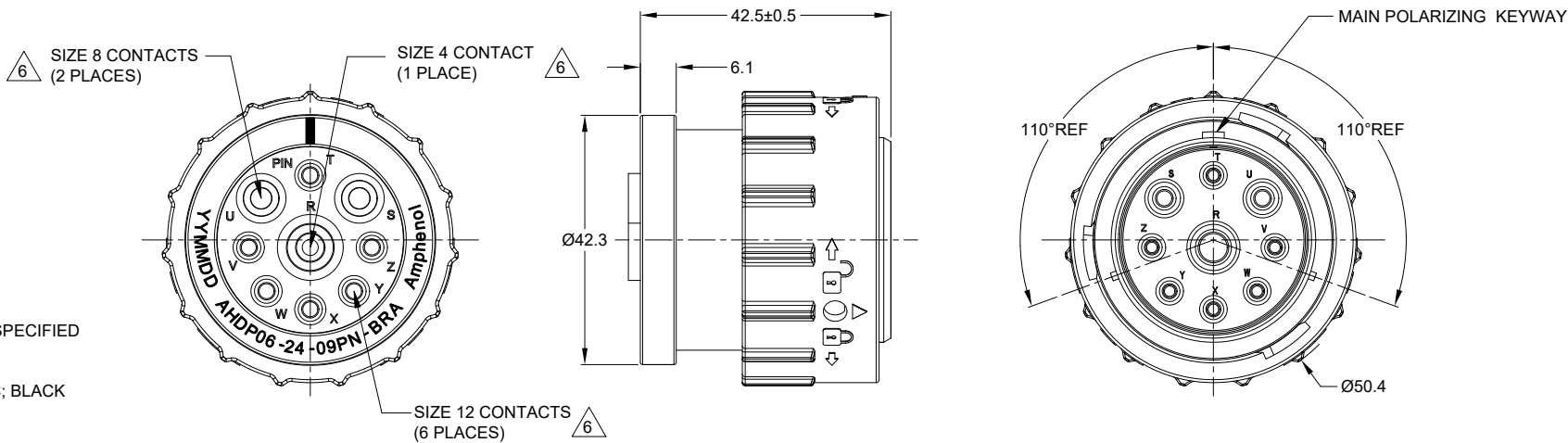


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	17/JAN/24	LYNCH	TOMMY



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
- MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
NORMAL 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: AHDP02-24-09S*-XXX & AHDP04-24-09S*-XXX
(* = SEAL TYPE, XXX = ALL MODIFICATIONS)
- 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 (.261 in)	7.42 mm (.292 in)	6 AWG (16.0-13.0mm ²)	100 AMPS
8	4.83 mm (.190in)	6.10 mm (.240 in)	8-10 AWG (10.0-5.0mm ²)	60 AMPS
12	3.43 mm (.135 in)	4.32 mm (.170 in)	10-14 AWG (6.0-2.0mm ²)	25 AMPS

AHDP06-24-09PN-BRA		REF:HDP26-24-9PN-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 DATE DRAWN: LYNCHPAN 17/JAN/24 CHECKED: SULENZHANG 18/JAN/24 ENGINEER: APPROVAL: TOMMYXIE 19/JAN/24 CUSTOMER:	Amphenol Sine Systems - www.amphenol-sine.com 44724 Morley Drive Clinton Township, MI 48036
MATERIAL SPECIFICATIONS:		09POS,PLUG,PIN,24SZ,	
WEIGHT: 59.7g		NORMAL SEAL,BRA,DURAMATE AHDP	
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
		B	C-
		SCALE	NONE
		DURAMATE	
		SHEET	1 OF 1
		REVISION	A1

TITLE: 09POS,PLUG,PIN,24SZ,NORMAL SEAL,BRA,DURAMATE AHD
DWG NO: AHDP06-24-09PN-BRA
REV: A1
SH: 1
OF: 1