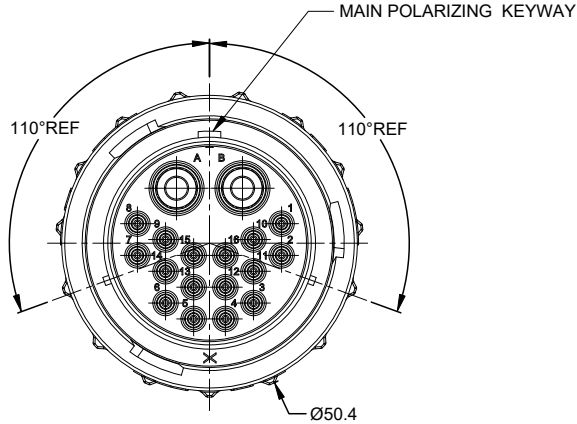


REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
01	--	RELEASE NEW DRAWING	18/AUG/22	LOUIE	TOMMY

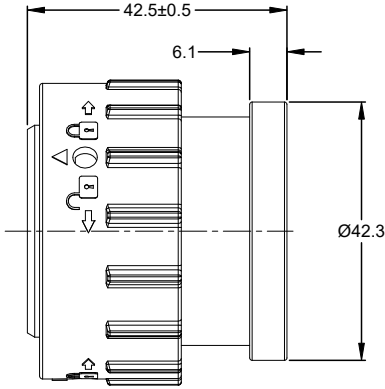


NOTES: UNLESS OTHERWISE SPECIFIED

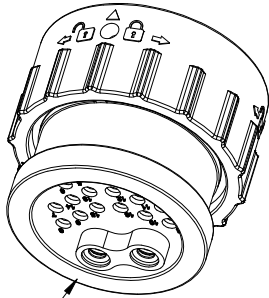
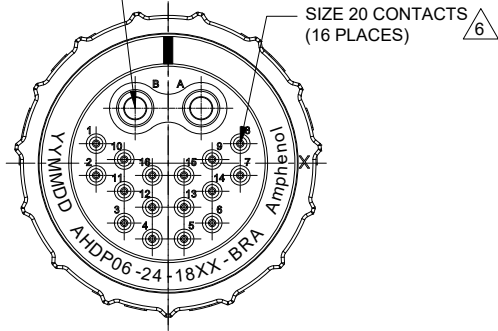
1. MATERIAL:
HOUSING: THERMOPLASTIC; BLACK
SEAL: SILICONE RUBBER
2. MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
NORMAL DIA. WIRE SEAL;
3. SPECIFICATIONS:
 - 3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
 - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
 - 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
 - 3.4 MOISTURE RESISTANCE:
IP68(1M OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION);
IP69K(MATED CONDITION)
 - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
 - 3.6 RoHS COMPLIANT
4. MATING PART: AHDP02-24-18XXX* & AHDP04-24-18XXX* (* = SEAL TYPE)

△ CONTACT SIZE AND WIRE RANGE:


CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
20	1.02 mm (.040 in)	2.10 mm (.083 in)	16-22 AWG (1.5-0.35mm²)	7.5 AMPS
8	3.43mm (.135in)	5.59 mm (.220 in)	8-10 AWG (10.0-5.0mm²)	60 AMPS



△ SIZE 8 CONTACTS (2 PLACES)



BACKSHELL RING ADAPTER
-GREEN

AHDP06-24-18SN-BRACL82			
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
WEIGHT: 61g		DRAWN: LOUIE.YIN	18/AUG/22
		CHECKED: ORION.LI	19/AUG/22
		ENGINEER:	
		APPROVAL: TOMMY.XIE	22/AUG/22
MATERIAL SPECIFICATIONS:		CUSTOMER:	
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-AHDP06-24-18SN-BRACL82	
		SCALE	NONE
		DURAMATE	SHEET 1 OF 1