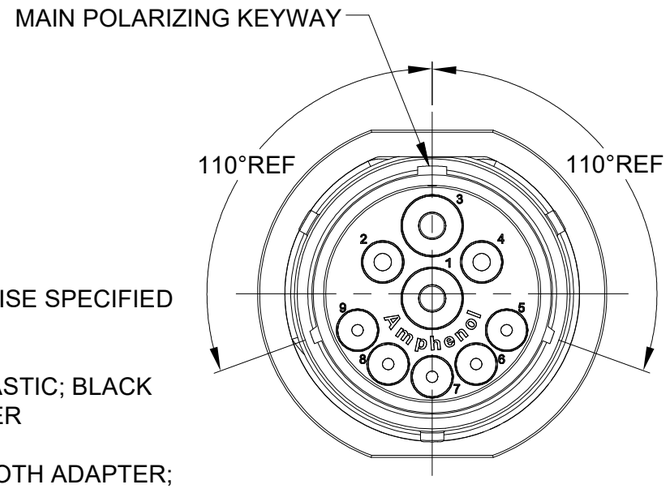
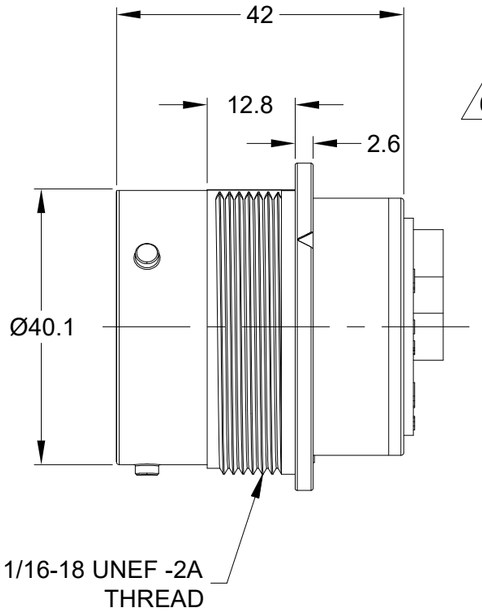
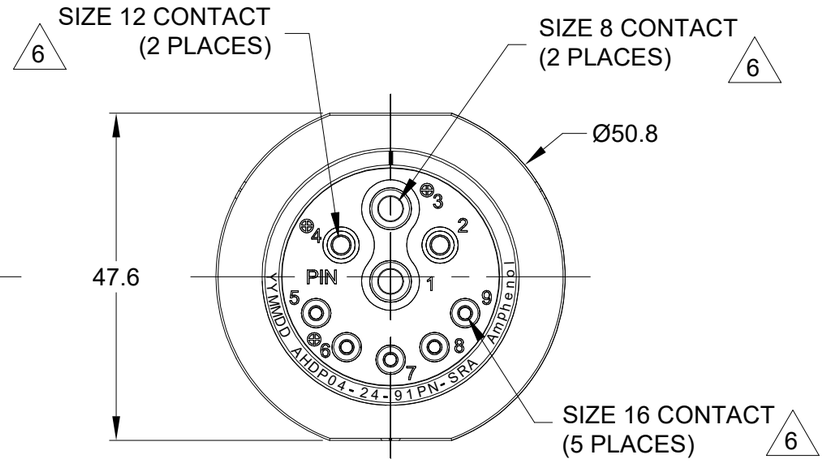
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASE NEW DRAWING	04/JAN/22	IAN	TOMMY







NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC; BLACK
   SEAL: SILICONE RUBBER

2. MODIFICATIONS: SMOOTH ADAPTER;
   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(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

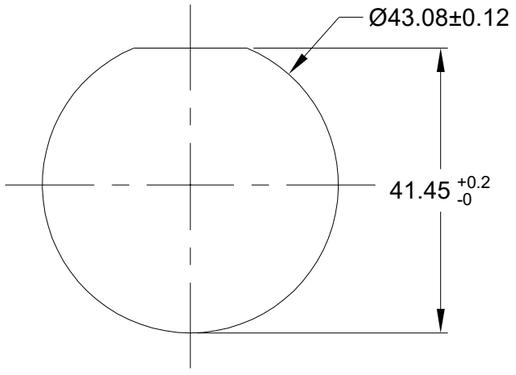
4. MATING PART: AHDP06-24-91S* -XXX (* = SEAL TYPE ,XXX = ALL MODIFICATIONS)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

6 CONTACT SIZE AND WIRE RANGE:

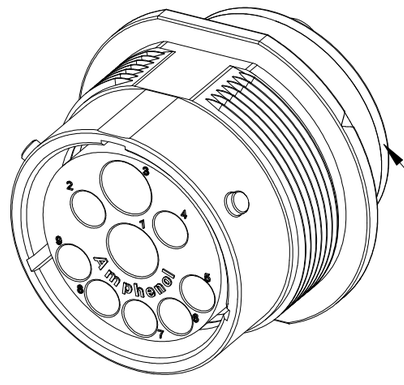
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
8	4.83 mm (.190 in)	6.10 mm (.240 in)	8-10AWG (10.0-5.0mm²)	60AMPS
12	3.40 mm (.134 in)	4.32 mm (.170 in)	10-14AWG (6.0-2.0mm²)	25AMPS
16	2.54mm (.100 in)	3.40 mm (.134 in)	14-20AWG (2.0-0.5mm²)	13AMPS

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.



RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM



SMOOTH ADAPTER
- GREEN

	AHDP04-24-91PN-SRA	REF:HDP24-24-91PN-P064		
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 | Fractions ±1/64
2 PL DEC ±0.15 | Angles ±1°
3 PL DEC ±0.08
3) Note reference = X

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	IAN.XIAO	04/JAN/22
CHECKED:	SULLEN.ZHANG	04/JAN/22
ENGINEER:		
APPROVAL:	TOMMY.XIE	05/JAN/22
CUSTOMER:		

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

09POS,RECEPTACLE,PIN,24SZ,
NORMAL SEAL,SRA,DURAMATE AHDP

SIZE	TYPE	DWG NO:	REVISION
B	C-	AHDP04-24-91PN-SRA	A1

SCALE: NONE | DURAMATE | SHEET 1 OF 1

TITLE: 09POS,RECEPTACLE,PIN,24SZ,NORMAL SEAL,SRA,DURAMATE AHDP
DWG NO: AHDP04-24-91PN-SRA
REV: A1
SH: 1
OF: 1