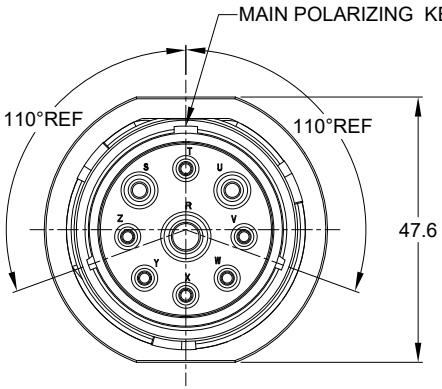
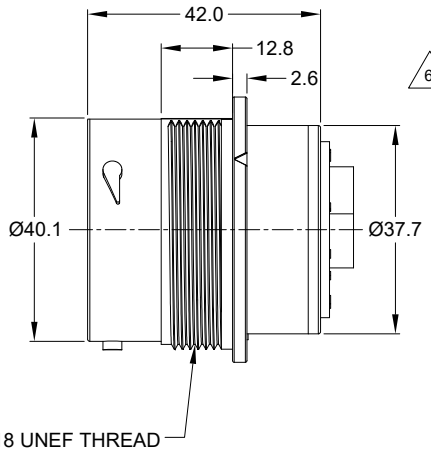
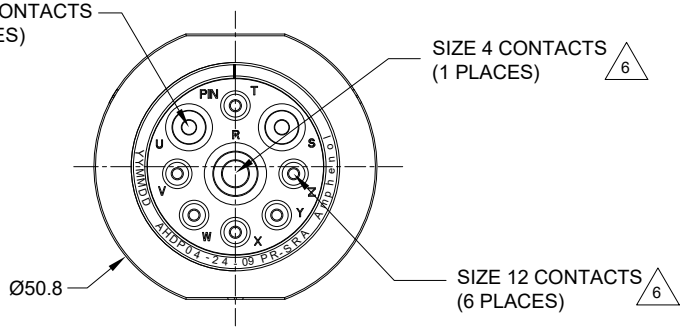
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	08MAY20	IAN	TOMMY
A2	--	MODIFY PRODUCT NAME	11AUG20	IAN	TOMMY







NOTES: UNLESS OTHERWISE SPECIFIED

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

2. MODIFICATIONS: SMOOTH RING ADAPTER (SRA);
   REDUCED DIA. WIRE SEAL.

3. SPECIFICATIONS:
   - 3.1 OPERATING TEMPERATURE: -55℃ TO +125℃.
   - 3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   - 3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25℃.
   - 3.4 MOISTURE RESISTANCE: IP67&IP69K (MATED CONDITION).
   - 3.5 MATING CYCLE DURABILITY: 100 CYCLES
   - 3.6 RoHS COMPLIANT

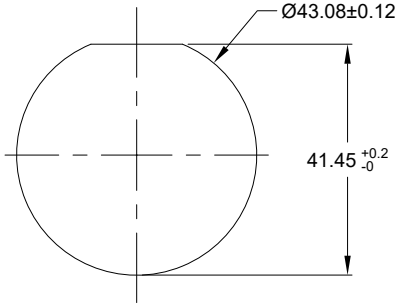
4. MATING PART: AHDP06-24-09S* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

△6 CONTACT SIZE AND WIRE RANGE:

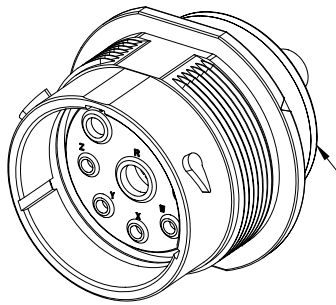
CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261 in)	7.42 mm (.292 in)	6 AWG (16.0-13.0mm²)	100 AMPS
8	3.43 mm (.135in)	5.59 mm (.220 in)	8-10 AWG (10.0-5.0mm²)	60 AMPS
12	2.46 mm (.097 in)	4.01 mm (.158 in)	10-14 AWG (6.0-2.0mm²)	25 AMPS

7. RECEPTACLE IS SUPPLIED WITH DUST CAP.



RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS:1.6 TO 4.7MM



	AHDP04-24-09PR-SRA	REF:HDP24-24-9PE	
	PART NUMBER	DESCRIPTION	ITEM
QUANTITY	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 ASSY:

SIGNATURES		DATE
DRAWN:	IAN.XIAO	11AUG20
CHECKED:	ORION.LI	12AUG20
ENGINEER:		
APPROVAL:	TOMMY.XIE	13AUG20
CUSTOMER:		

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Amphenol

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

RECEPT., SIZE 24, 9-PIN,
RD01 SEAL, SRA, DURAMATE AHDP SERIES

SIZE	TYPE	DWG NO:	REVISION
B	C-	AHDP04-24-09PR-SRA	A2
SCALE: NONE		DURAMATE	SHEET 1 OF 1

TITLE: RECEPT.,SIZE 24,9PIN,RD01 SEAL,SRA,DURAMATE AHDP SERIES
DWG NO: AHDP04-24-09PR-SRA
REV: A2
SH: 1
OF: 1