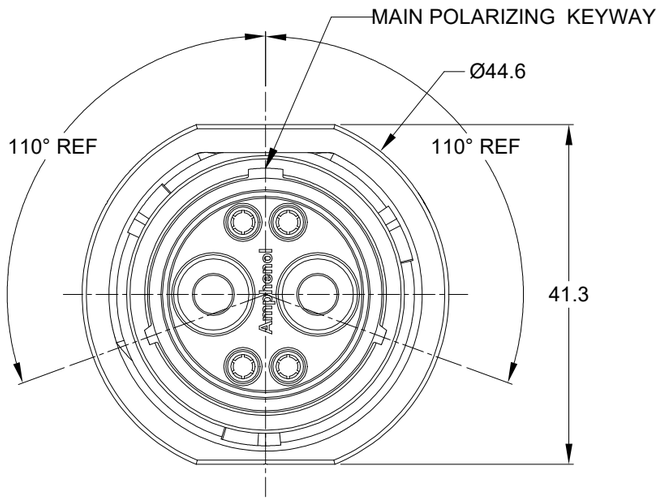
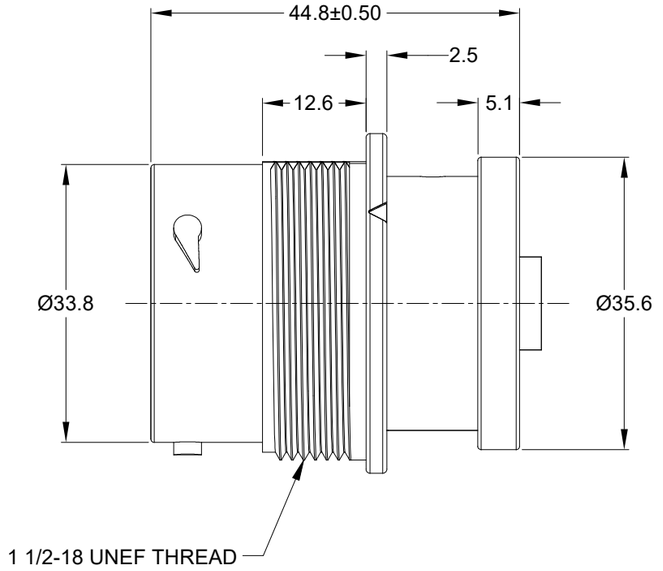
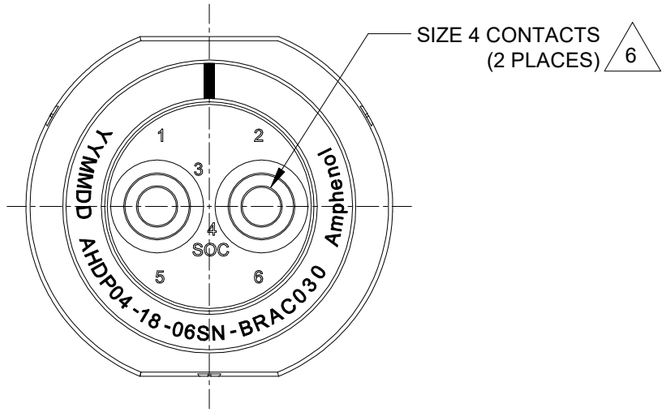
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	–	RELEASE NEW DRAWING	28/MAR/22	MILO	TOMMY







NOTES: UNLESS OTHERWISE SPECIFIED

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

2. MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
   STANDARD DIA. WIRE SEAL

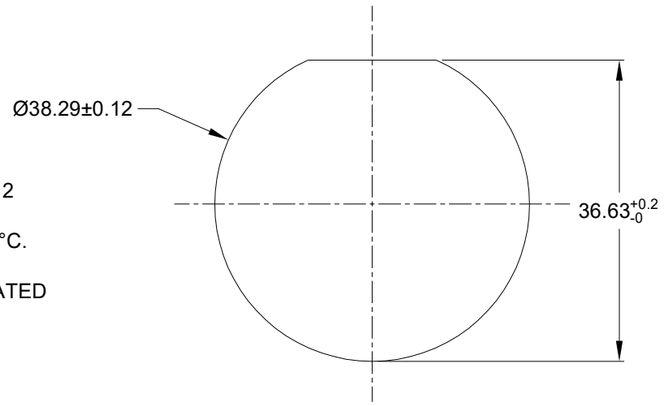
3. SPECIFICATIONS:
   3.1 OPERATING TEMPERATURE: -55°C TO +125°C.
   3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
   3.4 MOISTURE RESISTANCE:
   IP68(IM OF WATER FOR A PERIOD OF 24 HOURS, MATED CONDITION);
   IP69K(MATED CONDITION).
   3.5 MATING CYCLE DURABILITY: 100 CYCLES
   3.6 RoHS COMPLIANT

4. MATING PART: AHDP06-18-06P* (* = SEAL TYPE) (C030 OPTION)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

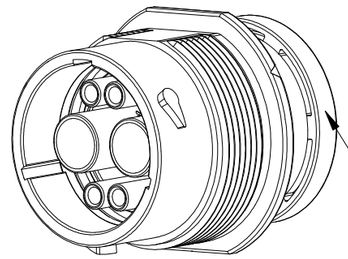
6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
4	6.63 mm (.261in)	7.42 mm (.292 in)	6 AWG (16.0-13.0mm²)	100 AMPS



RECOMMENDED PANEL
MOUNTING HOLE

RECOMMENDED PANEL
THICKNESS:1.6 TO 4.7MM



BACKSHELL RING ADAPTER
- GREEN

	AHDP04-18-06SN-BRAC030		
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:
WEIGHT: 40.6g

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	MILO	28/MAR/22
CHECKED:	SULLEN	29/MAR/22
ENGINEER:		
APPROVAL:	TOMMY	30/MAR/22
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.

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

2POS, RECEPTACLE, SOCKET, SIZE 18, NORMAL SEAL, BRA, C030, DURAMATE AHDP

SIZE	TYPE	DWG NO:	REVISION
B	C-	AHDP04-18-06SN-BRAC030	A1

SCALE: NONE | DURAMATE | SHEET 1 OF 1

TITLE: 2POS, RECEPTACLE, SOCKET, SIZE 18, NORMAL SEAL, BRA, C030, DURAMATE AHDP
DWG NO: AHDP04-18-06SN-BRAC030
REV: A1
SH: 1
OF: 1