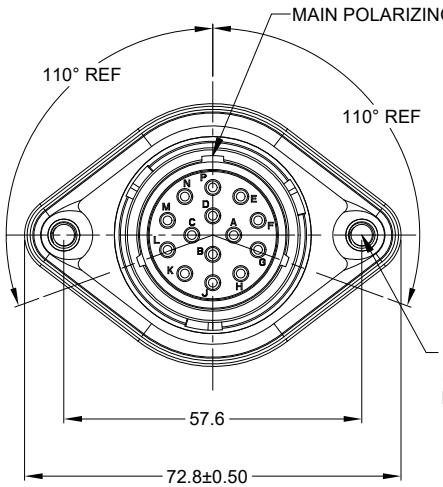
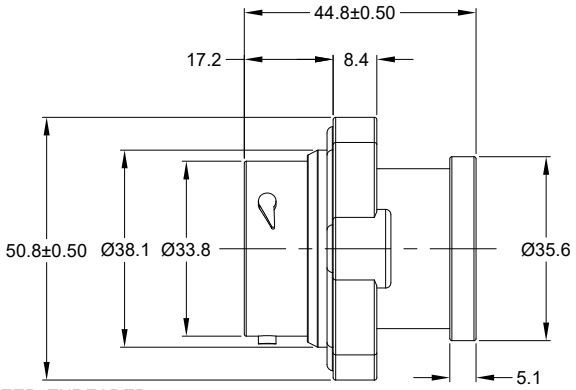
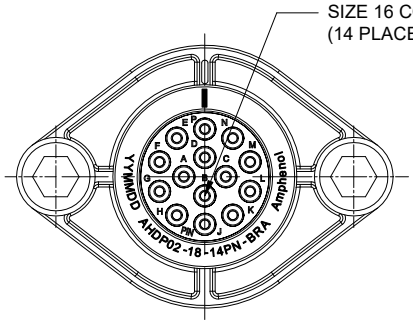
REVISIONS					
REV	ECO	DESCRIPTION	DATE	BY	APPR
A1	--	RELEASE NEW DRAWING	28MAR22	VITO	TOMMY





M5X0.8-6H 8mm(2X) DEEP THREADED INSERT
RECOMMENDED TORQUE VALUES:1.5-2.0 N.m



NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
   HOUSING: THERMOPLASTIC; BLACK
   SEAL: SILICONE RUBBER
   THREADED INSERT: STAINLESS STEEL

2. MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);
   STANDARD DIA,WIRE SEAL;
   SEALED PANEL MOUNT;

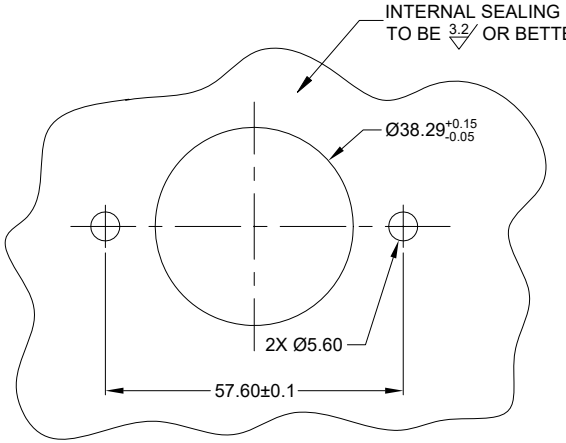
3. SPECIFICATIONS:
   3.1 OPERATING TEMPERATURE: -55℃ TO +125°C.
   3.2 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
   3.3 INSULATION RESISTANCE: 1000 MEGOHM MIN @ 25°C.
   3.4 MOISTURE RESISTANCE:
   IP68(IM OF WATER FOR A PERIOD OF 24 HOURS,MATED CONDITION);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

4. MATING PART: AHDP06-18-14S* (* = SEAL TYPE)

5. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

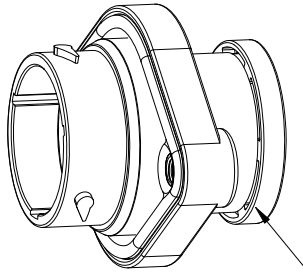
6 CONTACT SIZE AND WIRE RANGE:

CONTACT SIZE	MIN. INSUL O.D.	MAX. INSUL O.D.	TYPICAL WIRE RANGE	CURRENT RATING
16	2.54 mm (.100in)	3.40 mm (.134 in)	14-20 AWG (2.0-0.5mm²)	13 AMPS



RECOMMENDED PANEL MOUNTING HOLE

RECOMMENDED PANEL THICKNESS:1.6 TO 4.7MM



BACKSHELL RING ADAPTER -GREEN

	AHDP02-18-14PN-BRA		
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: 52.4g

PROCESS SPECIFICATIONS:

NEXT ASS'Y:

SIGNATURES		DATE
DRAWN:	VITO.LI	28MAR22
CHECKED:	SULLEN.ZHANG	29MAR22
ENGINEER:		
APPROVAL:	TOMMY.XIE	30MAR22
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

14 POS, RECEPTACLE, PIN,
PANELMATE AHDP SIZE 18, NORMAL SEAL, BRA

SIZE	TYPE	DWG NO:	REVISION
B	C-	AHDP02-18-14PN-BRA	A1

SCALE: NONE | DURAMATE | SHEET 1 OF 1

TITLE: 14 POS, RECEPTACLE, PIN, PANELMATE AHDP SIZE 18, NORMAL SEAL, BRA
DWG NO: AHDP02-18-14PN-BRA
REV: A1
SH: 1
OF: 1