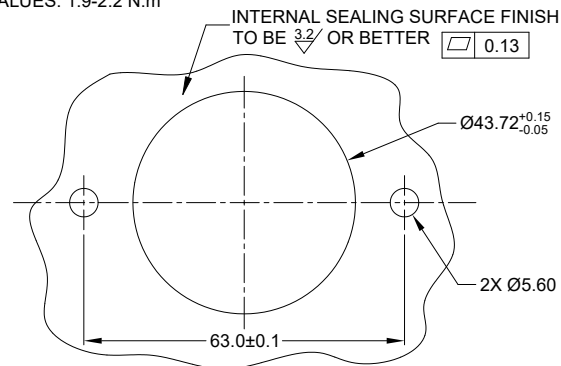


M5X0.8-6H 8mm(2X) DEEP  
THREADED INSERT

RECOMMENDED TORQUE  
VALUES: 1.9-2.2 N.m



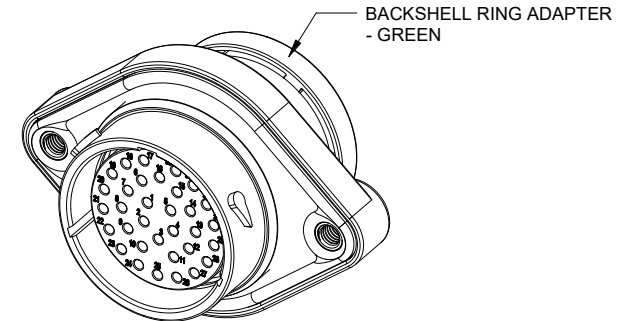
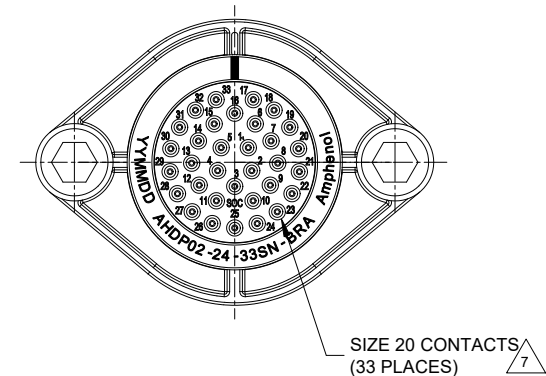
RECOMMENDED PANEL  
MOUNTING HOLE

RECOMMENDED PANEL  
THICKNESS:1.6 TO 4.7MM

7 CONTACT SIZE AND WIRE RANGE:


| CONTACT<br>SIZE | MIN. INSUL<br>O.D.   | MAX. INSUL<br>O.D.   | TYPICAL WIRE<br>RANGE      | CURRENT<br>RATING |
|-----------------|----------------------|----------------------|----------------------------|-------------------|
| 20              | 1.02 mm<br>(.040 in) | 2.41 mm<br>(.095 in) | 16-22 AWG<br>(1.5-0.35mm²) | 7.5 AMPS          |

| REVISIONS |     |                     |           |       |       |
|-----------|-----|---------------------|-----------|-------|-------|
| REV       | ECO | DESCRIPTION         | DATE      | BY    | APPR  |
| A1        | --  | RELEASE NEW DRAWING | 17/JAN/24 | LYNCH | TOMMY |



NOTES: UNLESS OTHERWISE SPECIFIED

- MATERIAL:  
HOUSING: THERMOPLASTIC; BLACK  
SEAL: SILICONE RUBBER  
THREADED INSERT: STAINLESS STEEL
- MODIFICATIONS: BACKSHELL RING ADAPTER (BRA);  
NORMAL DIA. WIRE SEAL;  
SEALED PANEL MOUNT;
- 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
- MATING PART: AHDP06-24-33P\*-XXX ( \* = SEAL TYPE, XXX =  
ALL MODIFICATIONS)
- ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.
- RECEPTACLE IS SUPPLIED WITH DUST CAP (NOT SHOW)

|   |             |  |             |   |           |
|---|-------------|--|-------------|---|-----------|
| AHDP02-24-33SN-BRA  |             |  |             |   |           |
| QUANTITY  | PART NUMBER | DESCRIPTION  |             | ITEM  |           |
| MATERIALS LIST  |             |  |             |   |           |
| UNLESS OTHERWISE SPECIFIED  |             | SIGNATURES   | DATE        | <div>Amphenol</div> <div>Sine Systems - <a href="http://www.amphenol-sine.com">www.amphenol-sine.com</a><br/>44724 Morley Drive<br/>Clinton Township, MI 48036<br/><br/>33 POS, RECEPTACLE, SOCKET, PANELMATE<br/>AHDP SIZE 24,NORMAL SEAL, BRA</div> |           |
| 1) All dimensions are in metric(mm).  |             | DRAWN:   | LYNCHPAN    |   | 17/JAN/24 |
| 2) Tolerances are as follows:   |             | CHECKED:   | SULLENZHANG |   | 18/JAN/24 |
| 1 PL DEC ±0.30<br>2 PL DEC ±0.15<br>3 PL DEC ±0.08  |             | ENGINEER:  |             |   |           |
| 3) Note reference =  |             | APPROVAL:  | TOMMYXIE    |   | 19/JAN/24 |
| MATERIAL SPECIFICATIONS:  |             | CUSTOMER:  |             |   |           |
| WEIGHT:71.55g   |             |  |             |   |           |
| 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.   |           |
|   |             | B  | C-          | AHDP02-24-33SN-BRA  |           |
|   |             | SCALE  | NONE        | DURAMATE  |           |
|   |             |  | SHEET       | 1 OF 1  |           |