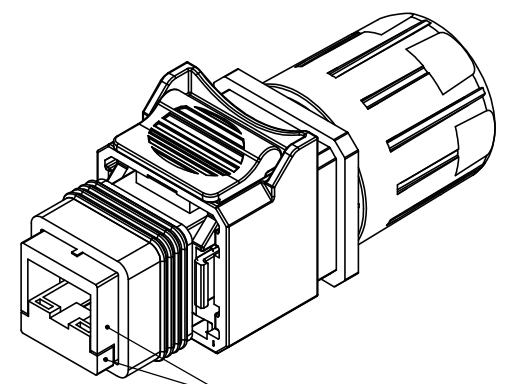
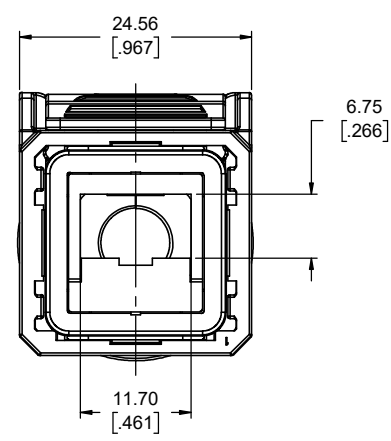
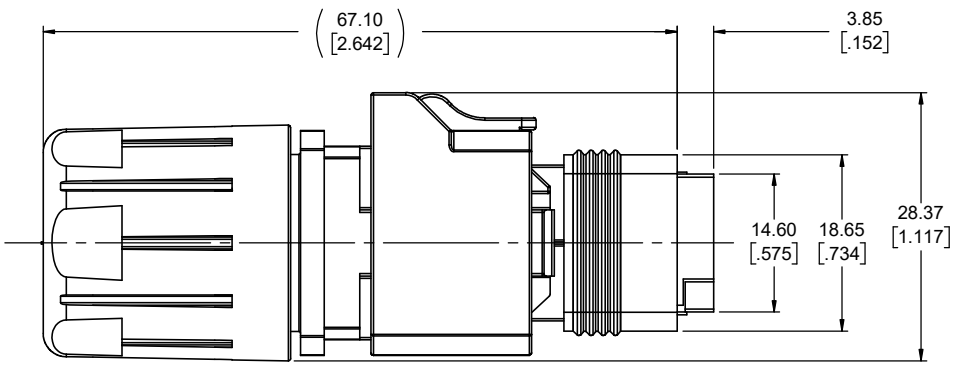
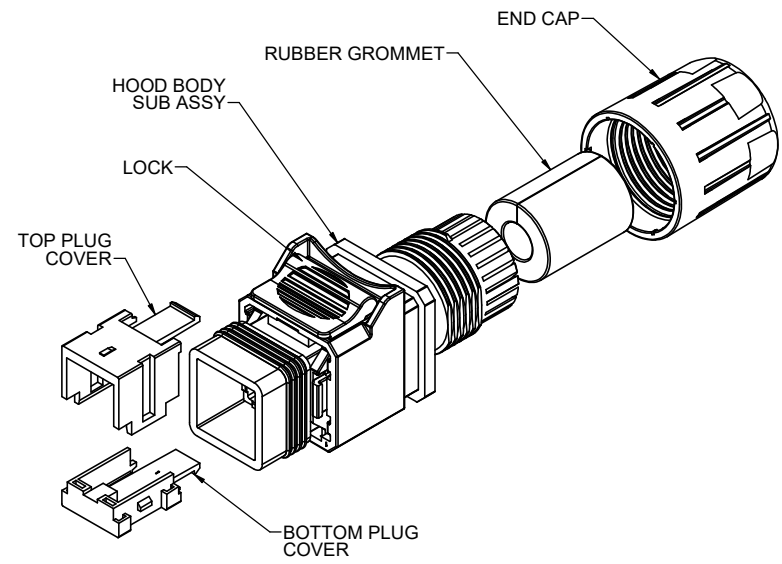
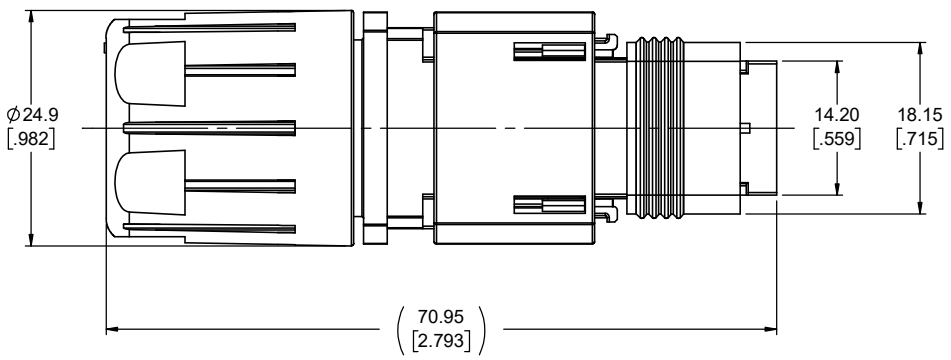


REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR14988)	JAN10/22	K.L.



THE TOP & BOTTOM PLUG COVERS HAVE A POKE-YOKE FEATURE. THEY CAN ONLY BE ASSEMBLED ONTO THE PLUG AND INTO THE HOOD BODY IN ONE WAY.



**NOTES:**

- MATERIAL: RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
  - HOOD COVERS, BODY, SLIDE & END CAP : PBT GLASS REINFORCED, COLOUR: BLACK
  - HOOD LOCK: PBT GLASS REINFORCED, COLOUR: RED
  - GASKETS & GROMMET: SILICONE RUBBER, COLOUR: BLACK
- NDH HOOD FOR RJ45 CONNECTORS IS INTENDED FOR USE WITH MODULAR JACKS THAT HAVE PLUG TAB DOWN ORIENTATION. PLUGS MAY BE SHIELDED OR NON-SHIELDED. NOTE THAT SOME PLUG OVER-MOULDLS OR BOOT DESIGNS MAY NOT BE SUITABLE.
- OPERATING TEMPERATURE -40° TO +80°C.
- NDH-R100 HOODS ARE PART OF AN IP67 SEALED SOLUTION WITH PUSH/PULL MATING FOR RJ45 ETHERNET APPLICATIONS. THE IP67 RATING APPLIES IN THE MATED CONDITION FOR BOTH THE ENCLOSURE AND THE MATING INTERFACE.
- FOR THE PCB MOUNTED MODULAR JACK, SEE AMPHENOL DRAWING P-RJULE-4X183-01. THE JACK IS AN 8 CONTACT, SHIELDED, TAB DOWN, ULTRA LOW PROFILE, RIGHT ANGLE DESIGN CONNECTOR.
- FOR THE BULKHEAD, REFER TO AMPHENOL DRAWING P-NDH-N200.
- FOR PART NUMBERS WITH CABLE ASSEMBLY AND/OR BULKHEAD INCLUDED, REFER TO AMPHENOL DRAWINGS P-NDH-R4AX-AXXA AND P-NDH-R5AX-AXXA.

**AMPHENOL PART NUMBER: NDH-R100**

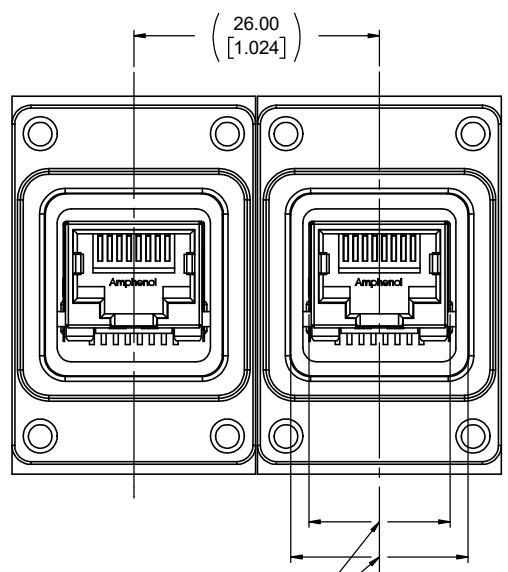


UNLESS SPECIFIED OTHERWISE	DRAWN	P. GOBUI	JAN07/22
PRIMARY UNITS MILLIMETRES	CHECKED	K. LAMBIE	JAN10/22
SECONDARY UNITS INCHES	M.E. APP'D		
REFERENCE IN PARENTHESES	Q.A. APP'D		
GENERAL TOLERANCES	DWG APPR.		
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14988	
2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

<b>Amphenol Canada Corp.</b> Commercial Products	
NDH SERIES RJ HOOD KIT, TAB DOWN, IP67 RATING, RoHS COMPLIANT	
DWG. NO.	REV
<b>P-NDH-R100</b>	<b>A</b>
CODE ID NO. 03554	DWG SIZE: X
SCALE: 2:1	SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION, ECN, EAR NO.	DATE	APP'D
A	PRODUCT DRAWING (EAR14988)	JAN10/22	K.L.

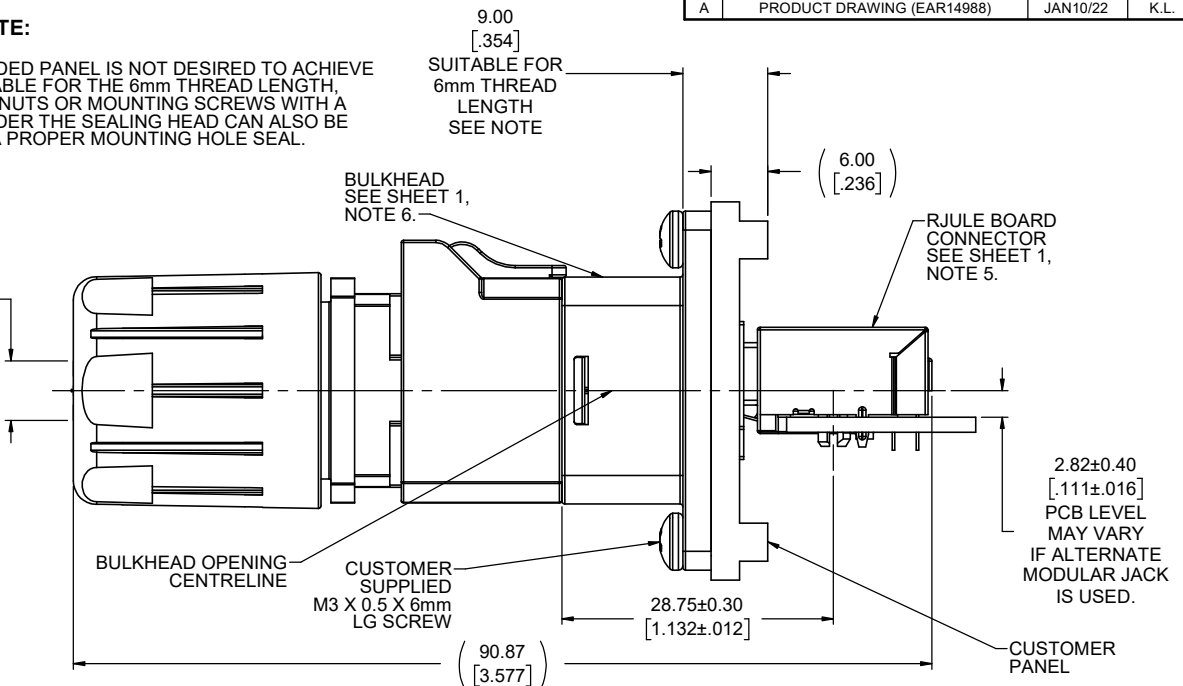
**BULKHEAD PORT SPACING**



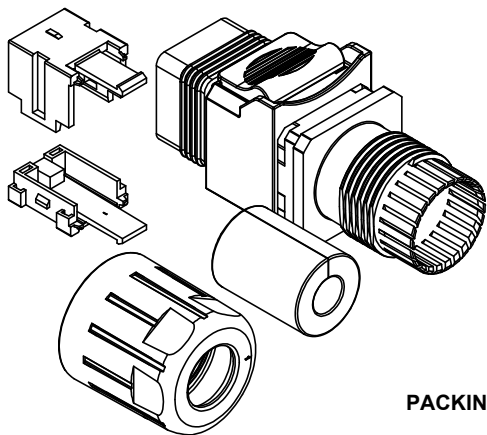
±0.6mm CENTERING OF THE BOARD CONNECTOR WITH BULKHEAD CAVITY

**APPLICATION NOTE:**

IF A CAST OR MOULDED PANEL IS NOT DESIRED TO ACHIEVE A BLIND HOLE SUITABLE FOR THE 6mm THREAD LENGTH, BLIND SEALED PEM NUTS OR MOUNTING SCREWS WITH A BUILT IN O-RING UNDER THE SEALING HEAD CAN ALSO BE USED TO ACHIEVE A PROPER MOUNTING HOLE SEAL.

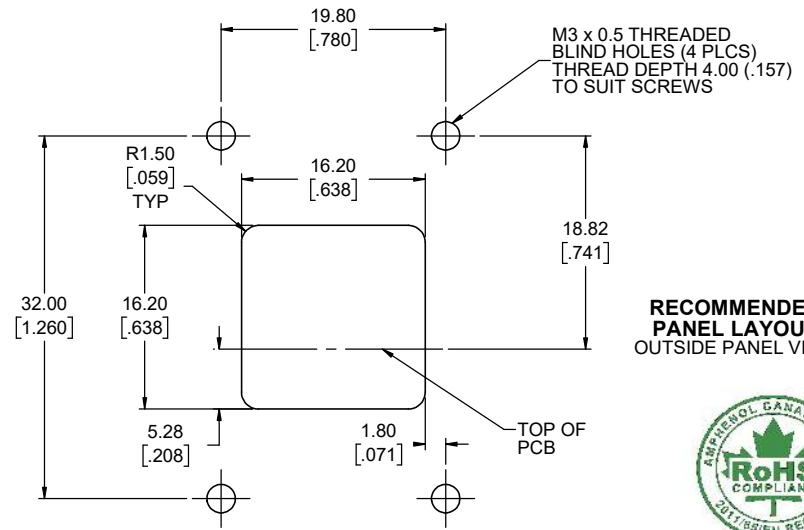


**APPLICATION VIEWS**



**PACKING CONFIGURATION NDH-R100**

EACH OF THE ITEMS SHOWN ARE SUPPLIED BULK PACKED. EACH CARTON TO PROVIDE AN EQUAL NUMBER OF PARTS.



**RECOMMENDED PANEL LAYOUT**  
OUTSIDE PANEL VIEW



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2 DECIMAL PLACES	REF.		
3 DECIMAL PLACES	THIRD ANGLE PROJECTION		
ANGULAR DEGREES	DO NOT SCALE DRAWING		

<b>Amphenol Canada Corp.</b> Commercial Products			
NDH SERIES RJ HOOD KIT, TAB DOWN, IP67 RATING, RoHS COMPLIANT			
DWG. NO.	P-NDH-R100		REV A
CODE ID NO. 03554	DWG SIZE: X	SCALE: X	SHEET 2 OF 2