

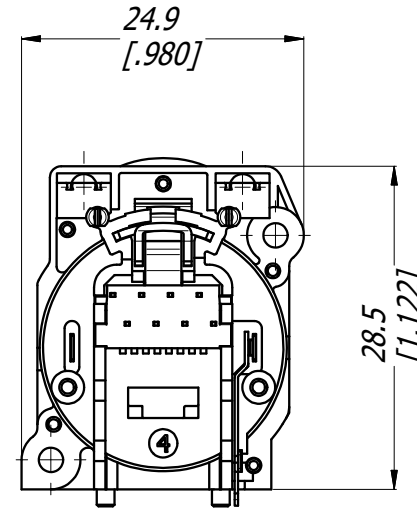
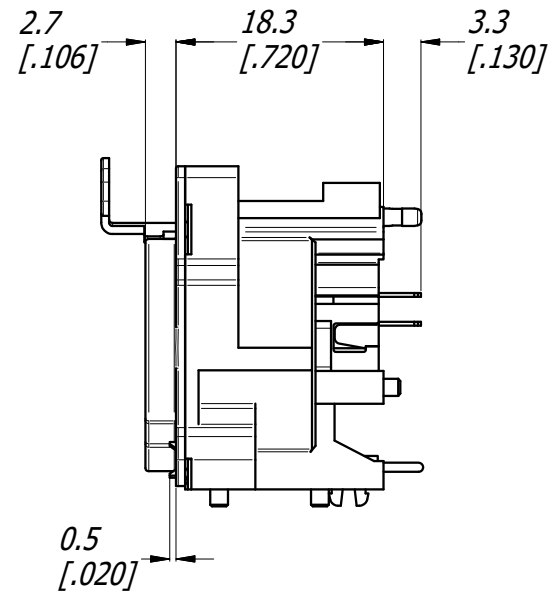
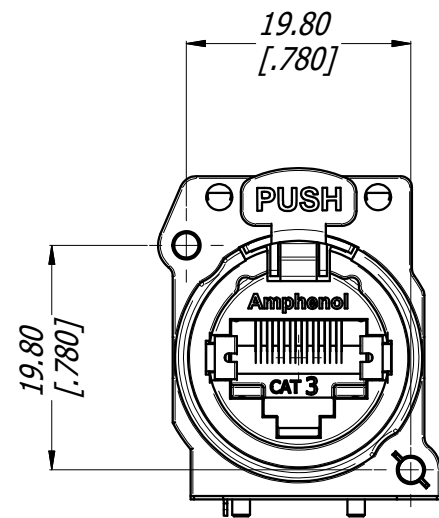
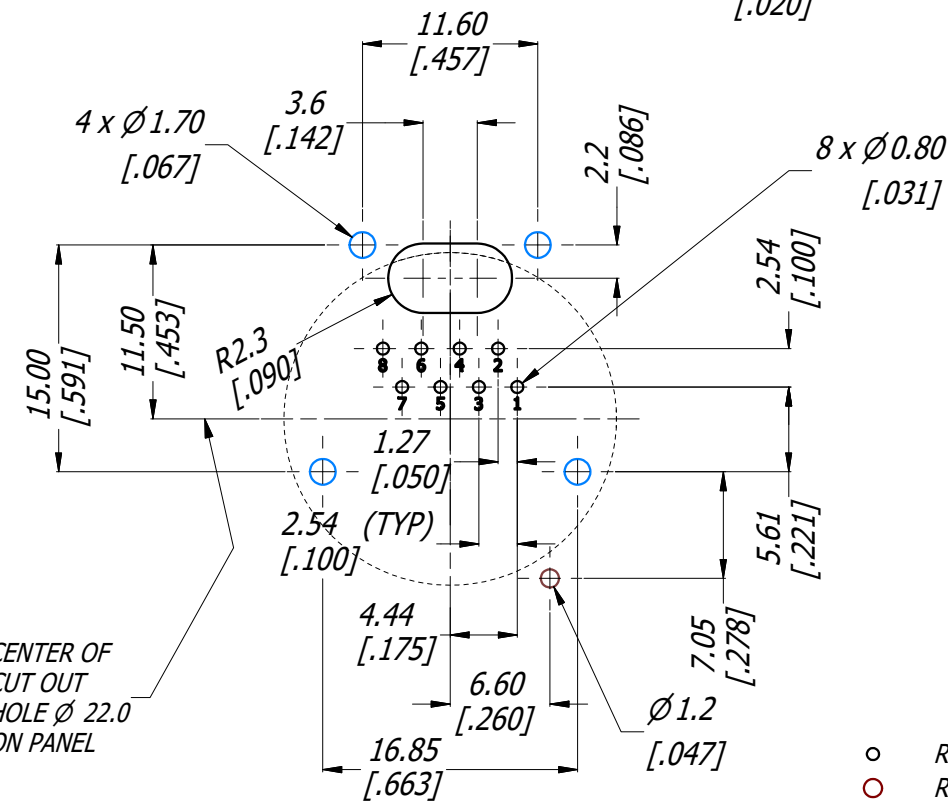
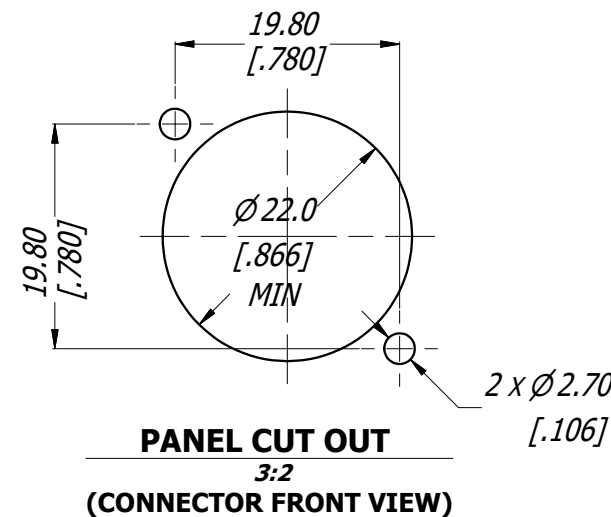


TABLE OF PART NUMBERS

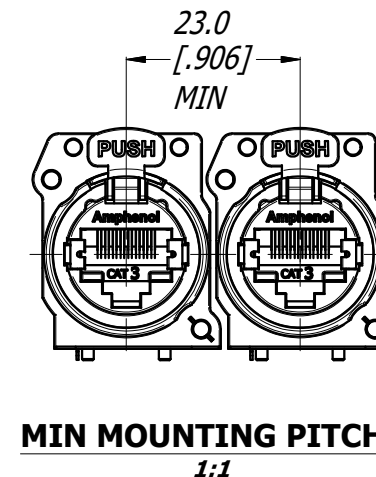
PART No.	TRANSMISSION CLASS	FRONT SHELL MATERIAL
RJX8FA3VB	CLASS D	PLASTIC BLACK
RJX8FB3VB	CLASS D	METAL NICKEL PLATED
RJX8FA5VB	CAT5e	PLASTIC BLACK
RJX8FB5VB	CAT5e	METAL NICKEL PLATED
RJX8FA6VB	CAT6	PLASTIC BLACK
RJX8FB6VB	CAT6	METAL NICKEL PLATED



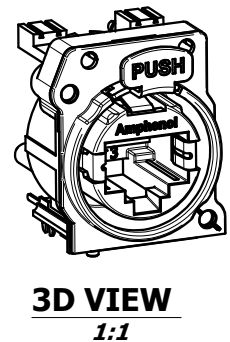
PCB LAYOUT
2:1
(CONNECTOR REAR VIEW)



PANEL CUT OUT
3:2
(CONNECTOR FRONT VIEW)



MIN MOUNTING PITCH
1:1



3D VIEW
1:1

SPECIFICATIONS:

1. MATERIALS:

- PLASTIC INSERT & HOUSING: HIGH TEMPERATURE THERMOPLASTIC FLAMMABILITY RATING UL94V-0 DSM STANYL, 30% BLACK
- FRONT SHELL: METAL: ZINC ALLOY ZAMAK 3, NICKEL PLATE (B TYPE) OR PLACTIC (A TYPE).
- CONTACTS: PHOSPHORE BRONZE, 1.27 um GOLD PLATE ON MATING SURFACES, 1.27 um NICKEL MIN UNDERPLATE. 3.81 um MIN MATTE TIN ON CONTACT TAILS.
- LATCH LOCK AND SPRING: SPRING STEEL, NICKEL PLATE.

2. ELECTRICAL CHARACTERISTICS:

- RATED VOLTAGE: 125 VAC
- TYPICAL CONTACT RESISTANCE: 20 mOhm
- INSULATION RESISTANCE: >500 Mohm
- DIELECTRIC STRENGTH: 1000 VAC, 60 SECONDS
- TRANSMISSION SPECIFICATION/CLASS: COMPLIES WITH CLASS D PER TIA/EIA 568B OR CAT5e & CAT 6 PER TIA/EIA-568-C.2
- PoE+ COMPLIES WITH 802.3at Type 2 (SEE PSE PINOUT ALTERNATIVE TABLE)

PSE PINOUT ALTERNATIVES

CONDUCTOR	Alternative-A (MDI-X)	Alternative-A (MDI)	Alternative-A (AII)
1	Negative V _{PSE}	Positive V _{PSE}	
2	Negative V _{PSE}	Positive V _{PSE}	
3	Positive V _{PSE}	Negative V _{PSE}	
4			Positive V _{PSE}
5			Positive V _{PSE}
6	Positive V _{PSE}	Negative V _{PSE}	
7			Negative V _{PSE}
8			Negative V _{PSE}



UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE	
LINEAR	ANGULAR
X ±0.5	X' ±1
X.X ±0.1	X.X' ±30'
X.X ±0.05	X.X' ±15'
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS	
DO NOT SCALE	
DIMENSIONS IN MILLIMETRES	

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MATERIAL:
REFER SPECIFICATION

FINISH:

THIRD ANGLE PROJECTION

DRN: T.N
DATE: 10/02/14
CKD: P.M
DATE: 10/02/14
APP'D: P.M
DATE: 10/02/14

SCALE: 3:2

SIZE: A3

Amphenol

TITLE:
**XLRnet CONNECTOR
RJ45 VERTICAL
WITHOUT LED & EMI SHIELD**

Amphenol Australia Pty.Ltd,
22 Industry Blvd, Carrum Downs
VIC 3201 Australia

PART No:
**REFER TO TABLE OF
PART NUMBERS**

DRAWING No.
55010955-000

REV
1

SHEET
5/7