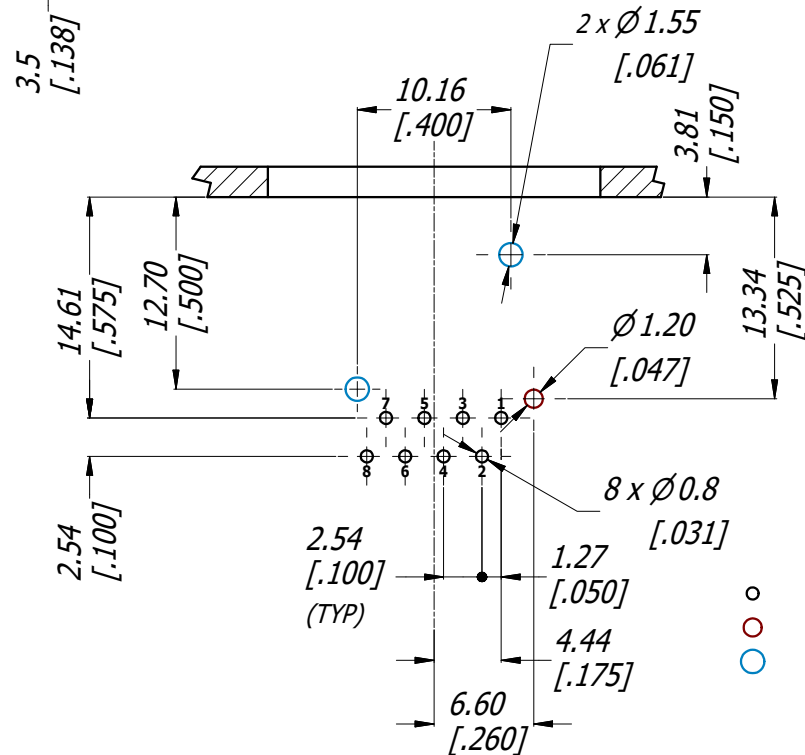
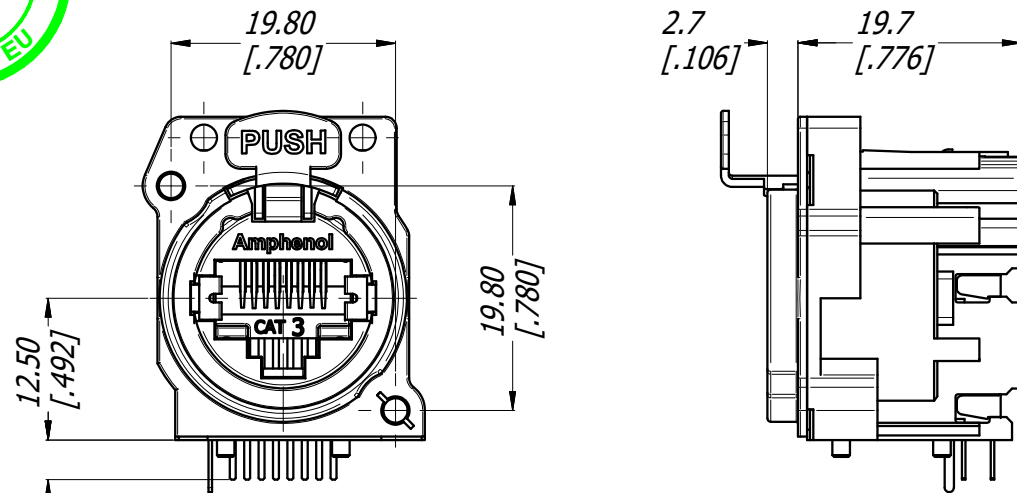


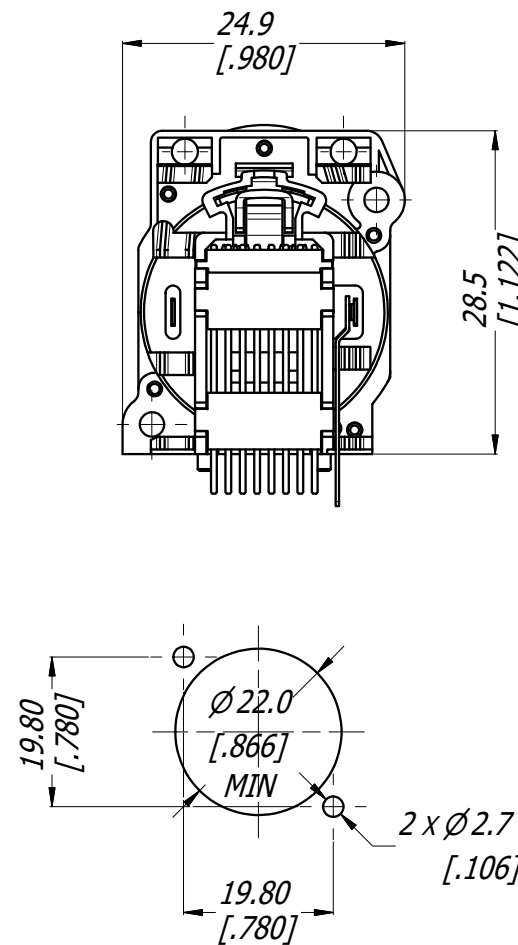


PCB LAYOUT
2:1
(CONNECTOR TOP VIEW)

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}

- RJ45 CONTACTS
- RJ45 SHELL GROUND CONTACT
- CONNECTOR LOCATION PINS

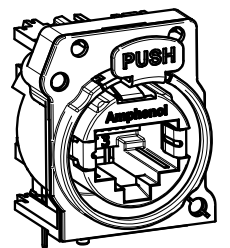
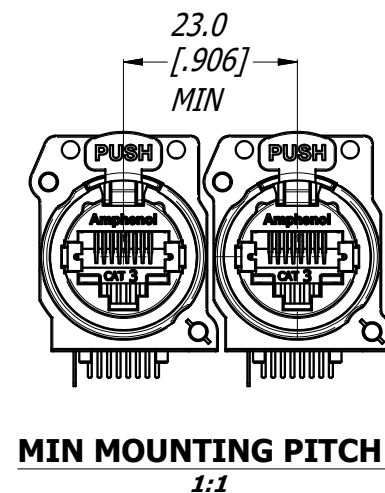


PANEL CUT OUT
1:1
(CONNECTOR FRONT VIEW)

- 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 µm GOLD PLATE ON MATING SURFACES, 1.27 µm NICKEL MIN UNDERPLATE. 3.81 µm 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: COMPLIED TO CLASS D PER TIA/EIA-568B OR CAT5e & CAT6 PER TIA/EIA-568-C.2
 - PoE+ COMPLIES WITH 802.3at Type 2 (SEE PSE PINOUT ALTERNATIVE TABLE)

TABLE OF PART NUMBERS

PART No.	TRANSMISSION CLASS	FRONT SHELL MATERIAL
RJX8FA3HB	CLASS D	PLASTIC BLACK
RJX8FB3HB	CLASS D	METAL NICKEL PLATED
RJX8FA5HB	CAT5e	PLASTIC BLACK
RJX8FB5HB	CAT5e	METAL NICKEL PLATED
RJX8FA6HB	CAT6	PLASTIC BLACK
RJX8FB6HB	CAT6	METAL NICKEL PLATED



3D VIEW
1:1

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LINEAR		ANGULAR		MATERIAL: REFER SPECIFICATION		DRN: T.N		DATE: 08/10/12		TITLE: XLRnet CONNECTOR RJ45 HORIZONTAL WITHOUT LED & EMI SHIELD		PART No: REFER TO TABLE OF PART NUMBERS		REV 2	
X ±0.5 X.X ±0.1 X.X ±0.05		X' ±1 X.X' ±30' X.X'X' ±15'				CKD: P.M		DATE: 08/10/12				DRAWING No.		SHEET	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS		DO NOT SCALE				APP'D: P.M		DATE: 08/10/12				55010837-000		1/1	
DIMENSIONS IN MILIMETRES		 THIRD ANGLE PROJECTION				SCALE: 3:2		SIZE: A3							

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