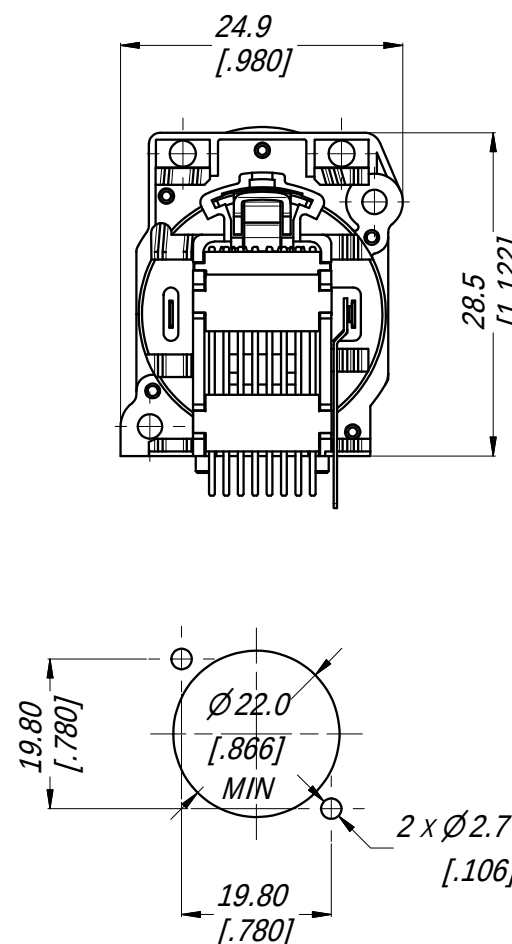




TABLE OF PART NUMBERS

PART No.	FRONT SHELL MATERIAL
RJX8FA5H	PLASTIC BLACK A TYPE
RJX8FB5H	METAL NICKEL PLATED B TYPE

PANEL CUT OUT
1:1
(CONNECTOR FRONT VIEW)

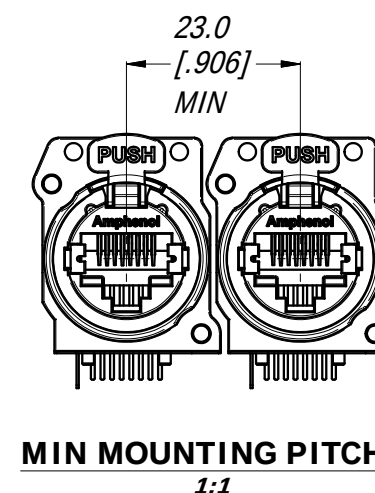
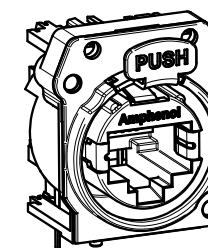
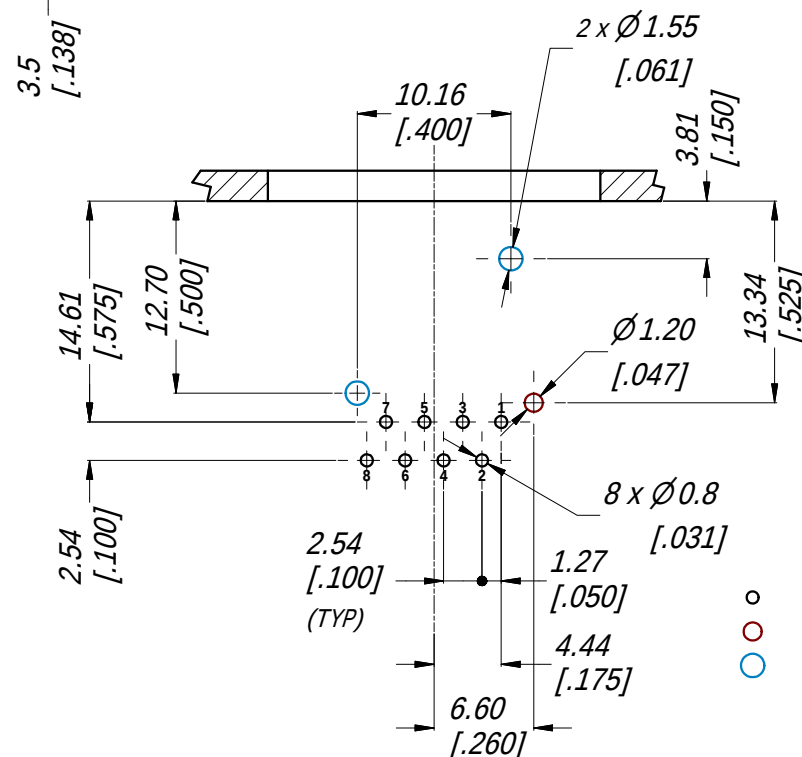
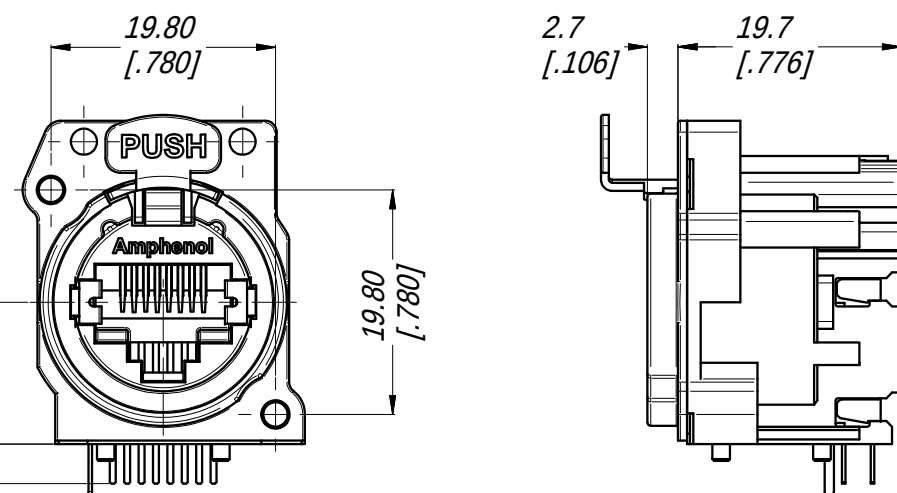
SPECIFICATIONS:

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 μ m GOLD PLATE ON MATING SURFACES, 1.27 μ m NICKEL MIN UNDERPLATE. 3.81 μ m 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 CAT5e 1000 BASE-T PER EIA-568-C.2
- PoE+ COMPLIES WITH 802.3at Type 2 (SEE PSE PINOUT ALTERNATIVE TABLE)

MIN MOUNTING PITCH
1:13D VIEW
1:1PCB LAYOUT
2:1
(CONNECTOR TOP VIEW)

PSE PINOUT ALTERNATIVES

CONDUCTOR	Alternative-A (MDI-X)	Alternative-A (MDI)	Alternative-A (All)
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

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LINEAR		ANGULAR		MATERIAL: REFER SPECIFICATION		DRN: T.N		DATE: 08/10/12	
X ± 0.5		X' ± 1		CKD: P.M		APP'D: P.M		DATE: 08/10/12	
X.X ± 0.1		X.X' ± 30'		DO NOT SCALE		FINISH:		DATE: 08/10/12	
X.X ± 0.05		X.X' ± 15'		DIMENSIONS IN MILLIMETRES		SCALE: 3:2		SIZE: A3	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS		THIRD ANGLE PROJECTION		TITLE: XLRnet CONNECTOR RJ45 RECP CAT5e NON-LED & EMI SHIELD		PART No: REFER TO TABLE OF PART NUMBERS		REV 1	
						DRAWING No. 55010837-000		SHEET 1/1	

Mouser Electronics

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[RJX8FD3HB](#) [RJX8FB5VRGEB](#) [RJX8FB3HB](#) [RJX8FD5110](#) [RJX8FB5VRGB](#) [RJX8FB5VRREB](#) [RJX8FD5T](#)
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