

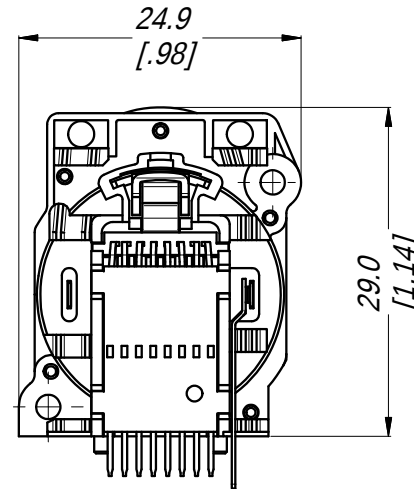
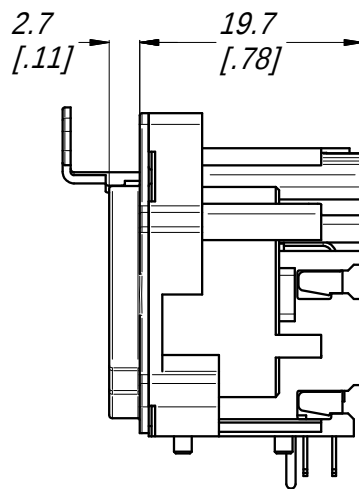
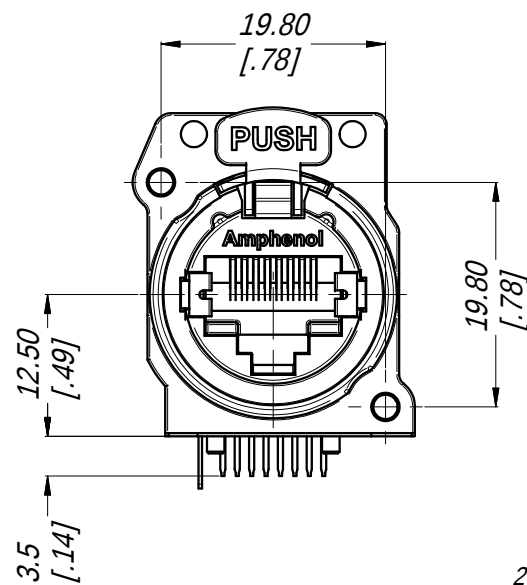
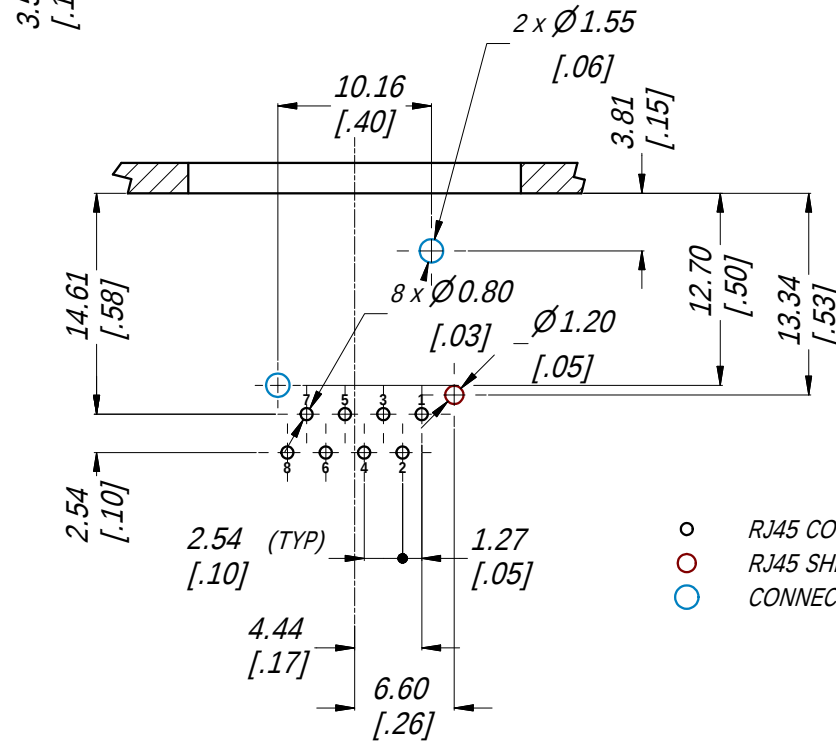


TABLE OF PART NUMBERS

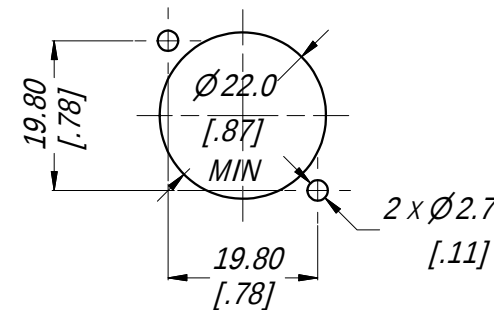
PART No.	FRONT SHELL MATERIAL
RJX8FA3H	PLASTIC BLACK A TYPE
RJX8FB3H	METAL NICKEL PLATED B TYPE



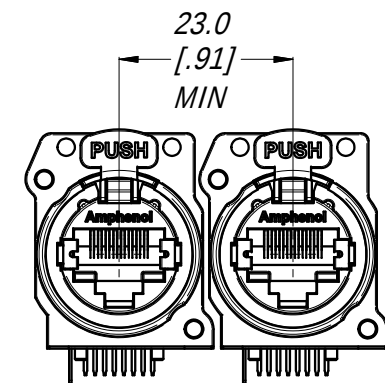
PCB LAYOUT
2:1
(CONNECTOR TOP VIEW)

PSE PINOUT ALTERNATIVES

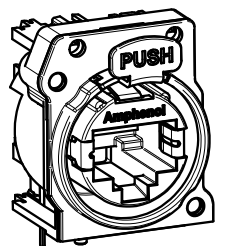
CONDUCTOR	Alternative-A (MDI-X)	Alternative-A (MDI)	Alternative-A (All)
1	Negative V _{PSE}	Positive V _{PSE}	
2	Negative V _{PSE}	Positive V _{PSE}	
3	Positive V _{PSE}	Negative V _{PSE}	
4			Positive V _{PSE}
5			Positive V _{PSE}
6	Positive V _{PSE}	Negative V _{PSE}	
7			Negative V _{PSE}
8			Negative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



PANEL CUT OUT
1:1
(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 METAL SHELL: PLASTIC OR ZINC ALLOY ZAMAK 3, NICKEL PLATE (B TYPE) OR PLASTIC (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.
- EMI/RFI HOOD: BRASS, TIN 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: CLASS D, 10/100 BASE-T
- PoE+ COMPLIES WITH 802.3at Type 2 (SEE PSE PINOUT ALTERNATIVE TABLE)

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LINEAR		ANGULAR		MATERIAL: REFER TO SPECIFICATION		DRN: T.N	DATE: 31/10/12	TITLE: XLRnet CONNECTOR RJ45 RECP CAT3 NON-LED & EMI SHIELD		PART No: REFER TO TABLE OF PART NUMBERS
X ±0.5		X' ±1		DO NOT SCALE		CKD: P.M	DATE: 31/10/12	DRAWING No. 88010871-000		REV 1
X.X ±0.1		X.X' ±30'		FINISH:		APP'D: P.M	DATE: 31/10/12	SHEET 1/1		
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								

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[RJX8FB5HB](#) [RJX8FA3HB](#) [RJX8FA3HPB](#) [RJX8FB3HB](#)