

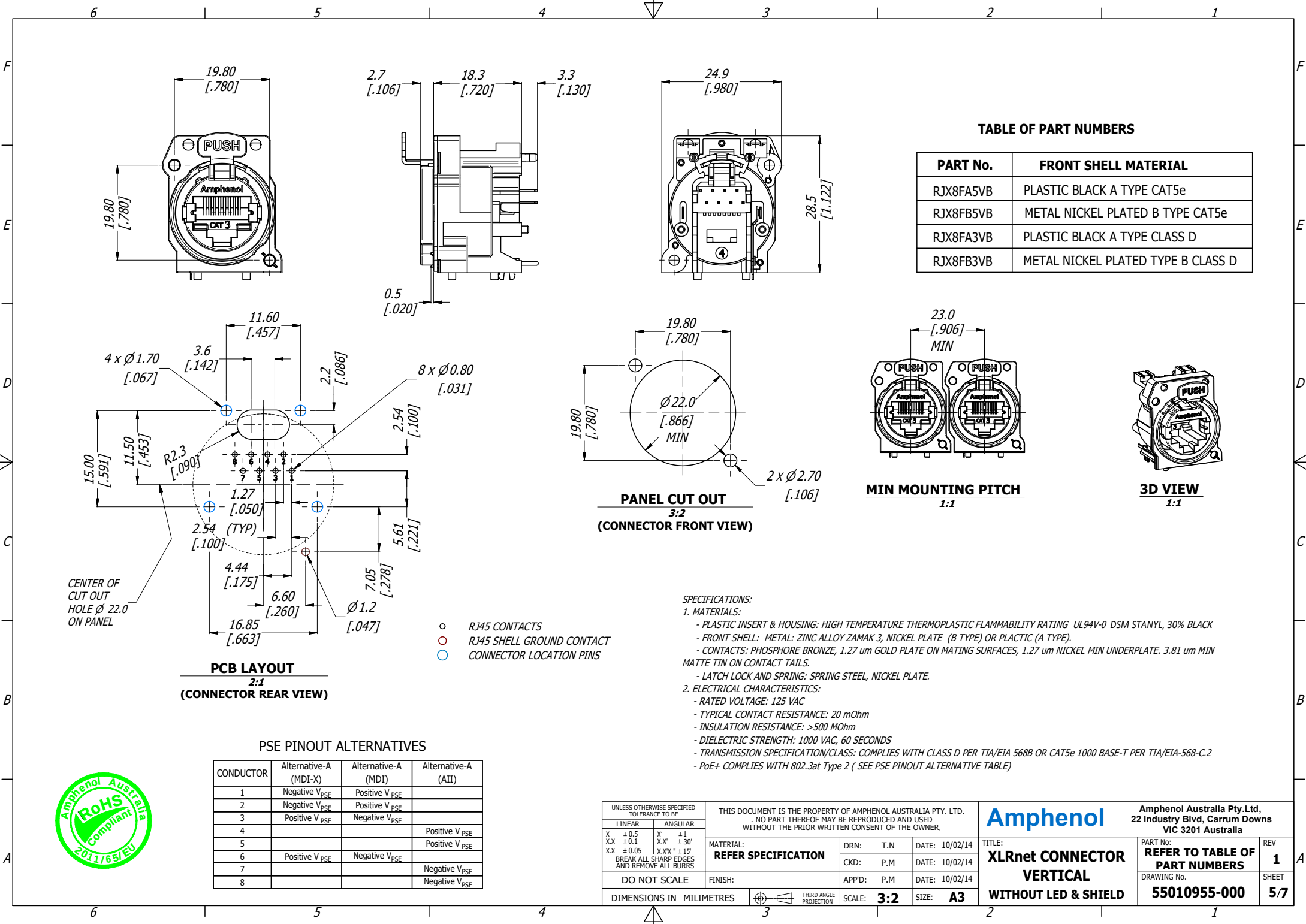


TABLE OF PART NUMBERS

PART No.	FRONT SHELL MATERIAL
RJX8FA5VB	PLASTIC BLACK A TYPE CAT5e
RJX8FB5VB	METAL NICKEL PLATED B TYPE CAT5e
RJX8FA3VB	PLASTIC BLACK A TYPE CLASS D
RJX8FB3VB	METAL NICKEL PLATED TYPE B CLASS D

PANEL CUT OUT
3:2
(CONNECTOR FRONT VIEW)

MIN MOUNTING PITCH
1:1

3D VIEW
1:1

PCB LAYOUT
2:1
(CONNECTOR REAR 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}

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 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.

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 1000 BASE-T PER TIA/EIA-568-C.2
- PoE+ COMPLIES WITH 802.3at Type 2 (SEE PSE PINOUT ALTERNATIVE TABLE)

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LINEAR		ANGULAR		MATERIAL:		TITLE:		PART No:	
X ± 0.5		X' ± 1		REFER SPECIFICATION		XLRnet CONNECTOR		REFER TO TABLE OF	
X.X ± 0.1		X.X' ± 30°		DO NOT SCALE		VERTICAL		PART NUMBERS	
X.X ± 0.05		X.XX' ± 15°		FINISH:		WITHOUT LED & SHIELD		DRAWING No.	
BREAK ALL SHARP EDGES AND REMOVE ALL BURRS		THIRD ANGLE PROJECTION		SCALE: 3:2		SIZE: A3		55010955-000	
DIMENSIONS IN MILLIMETRES		SCALE: 3:2		SIZE: A3		SHEET		1	
								5/7	

