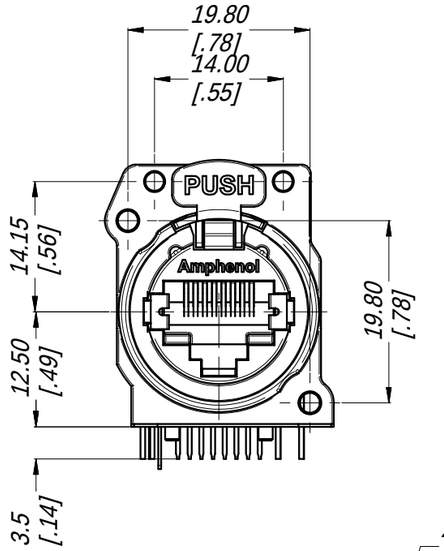
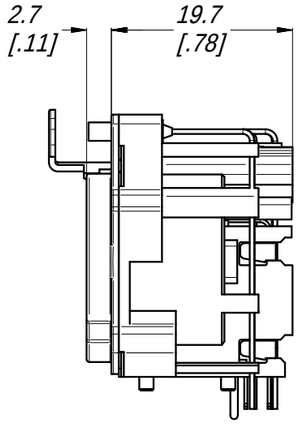




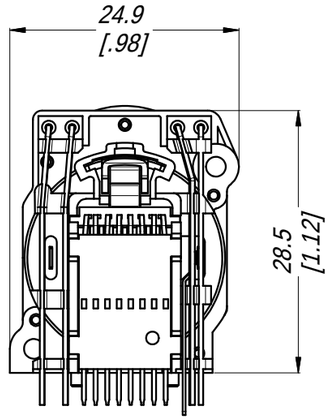
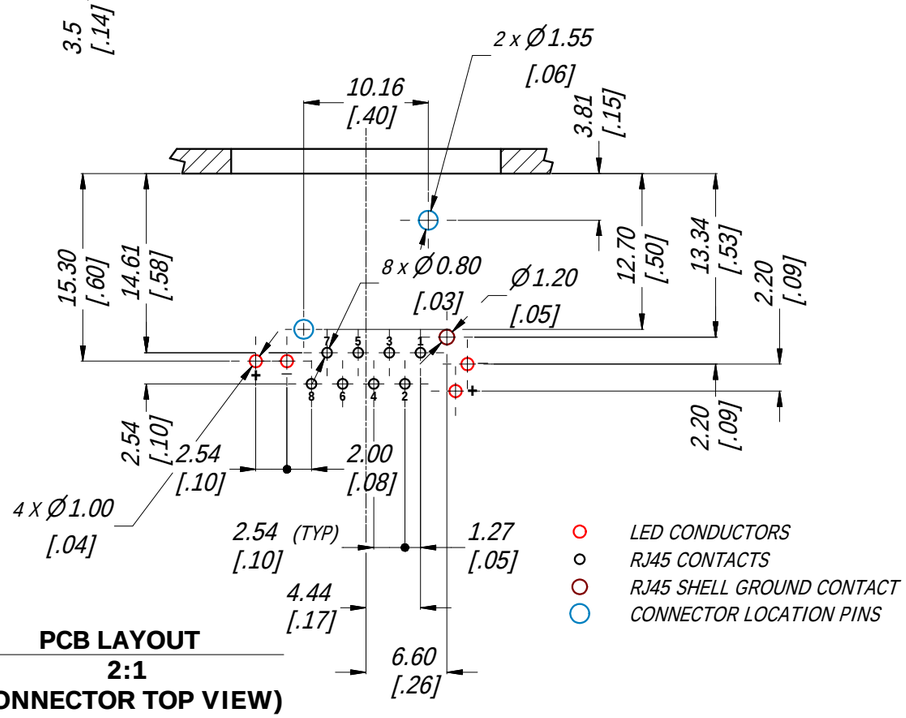
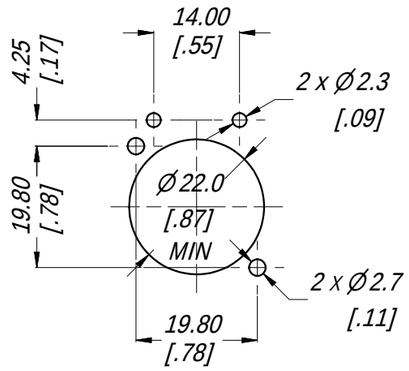


TABLE OF PART NUMBERS

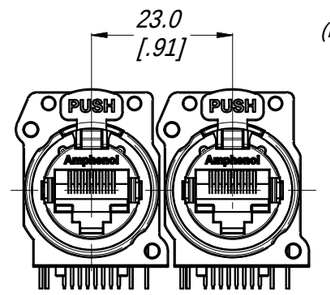
PART No.		
METAL FRONT SHELL FINISH	LED COLOR	
NICKEL	LEFT	RIGHT
RJX8FB3HRGB	RED	GREEN
RJX8FB3HRYB	RED	YELLOW
RJX8FB3HRRB	RED	RED
RJX8FB3HGRB	GREEN	RED
RJX8FB3HGYB	GREEN	YELLOW
RJX8FB3HGGB	GREEN	GREEN
RJX8FB3HYRB	YELLOW	RED
RJX8FB3HYYB	YELLOW	YELLOW
RJX8FB3HUUB	BLUE	BLUE



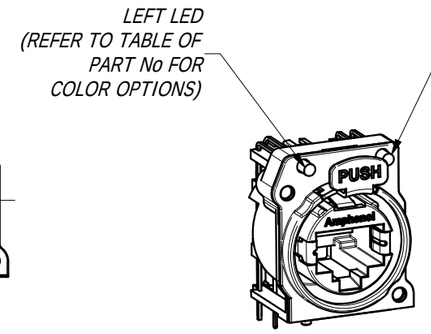
PCB LAYOUT
2:1
(CONNECTOR TOP VIEW)



PANEL CUT OUT
1:1
(CONNECTOR FRONT VIEW)



MIN MOUNTING PITCH
1 : 1



3D VIEW
1:1

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 METAL SHELL: ZINC ALLOY ZAMAK 3, NICKEL PLATE (B 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)

Amphenol Australia RoHS Compliant EU 2002/95/EC

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

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MATERIAL: **REFER SPECIFICATION**
FINISH:
THIRD ANGLE PROJECTION

DRN:	T.N	DATE: 31/10/12
CKD:	P.M	DATE: 31/10/12
APP'D:	P.M	DATE: 31/10/12
SCALE:	3:2	SIZE: A3

Amphenol

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

TITLE: **XLRnet CONNECTOR RJ45 RECP CAT3 NON-EMI SHIELD**
PART No: **REFER TO TABLE OF PART NUMBERS**
REV: **1**
DRAWING No. **88010871-000**
SHEET **1/1**