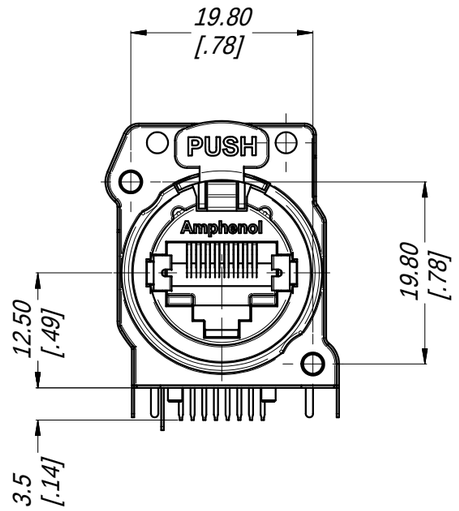
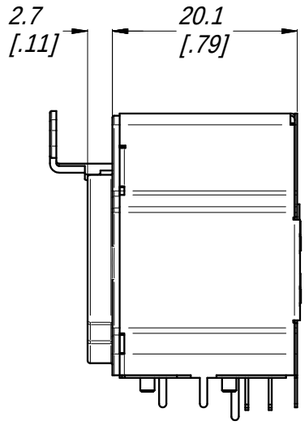
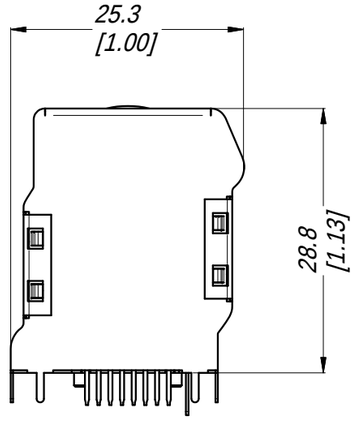
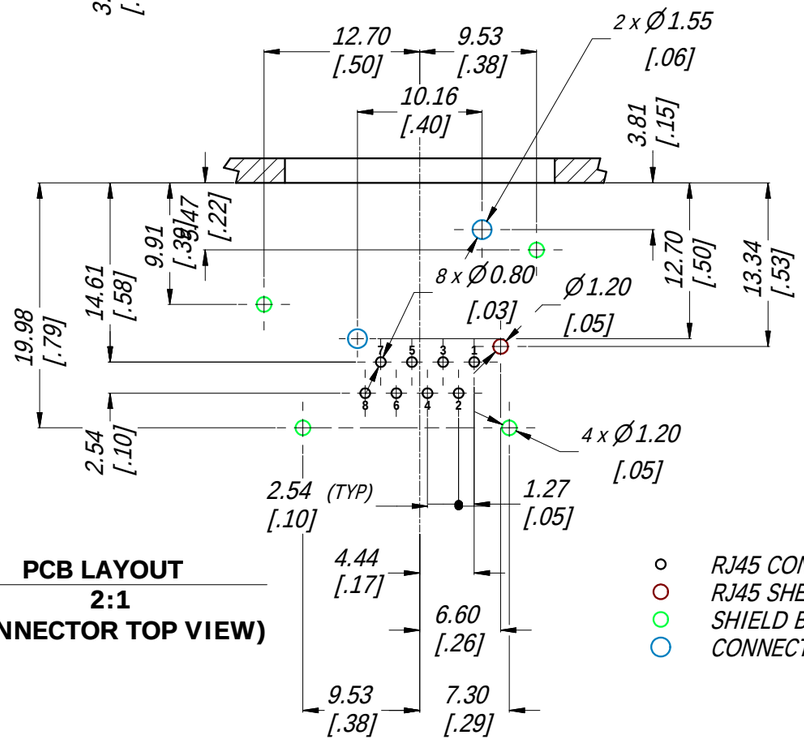


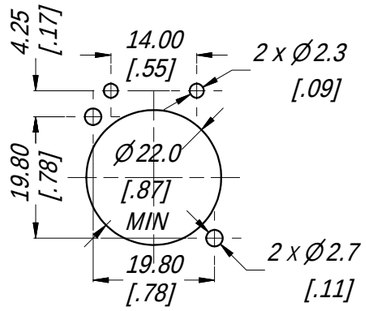




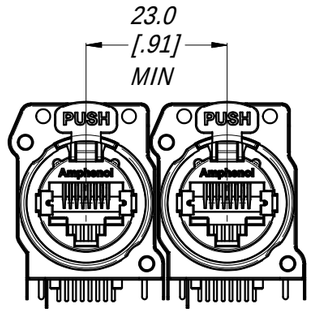


PCB LAYOUT
2:1
(CONNECTOR TOP VIEW)

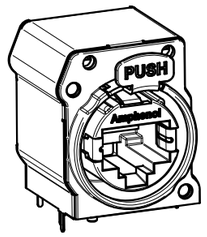
- RJ45 CONTACTS
- RJ45 SHELL GROUND CONTACT
- SHIELD BOX LEGS
- CONNECTOR LOCATION PINS



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: 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)

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}

UNLESS OTHERWISE SPECIFIED TOLERANCE TO BE
LINEAR: X ± 0.5; X.X ± 0.1; X.X ± 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 — THIRD ANGLE PROJECTION

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MATERIAL: REFER SPECIFICATION	DRN: T.N	DATE: 31/10/12	
	CKD: P.M	DATE: 31/10/12	
FINISH:	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 WITHOUT LED**

PART No:	REV
RJX8FB3HEB	1
DRAWING No.	SHEET
55010871-000	1/1

Mouser Electronics

Authorized Distributor

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