

Bel Fuse 0810-2H4R-28-F alternative



Part No. RJ311108F2047L3-LF



8 Port RJ45 Through Hole 10/100 Base-T, AutoMDIX



RoHS Compliant

SPECIFICATION APPROVAL

CUSTOMER : BEC Distribution

PRODUCT : RJ311108F2047L3-LF

Pb-free

CODE NO. : C07711048

CUS. CODE :

SPEC.NO. : C-7711-048(00)

DATE : 29-Aug-20

CUSTOMER APPROVAL

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PREPARED BY	APPROVED BY	AUTHORIZED BY
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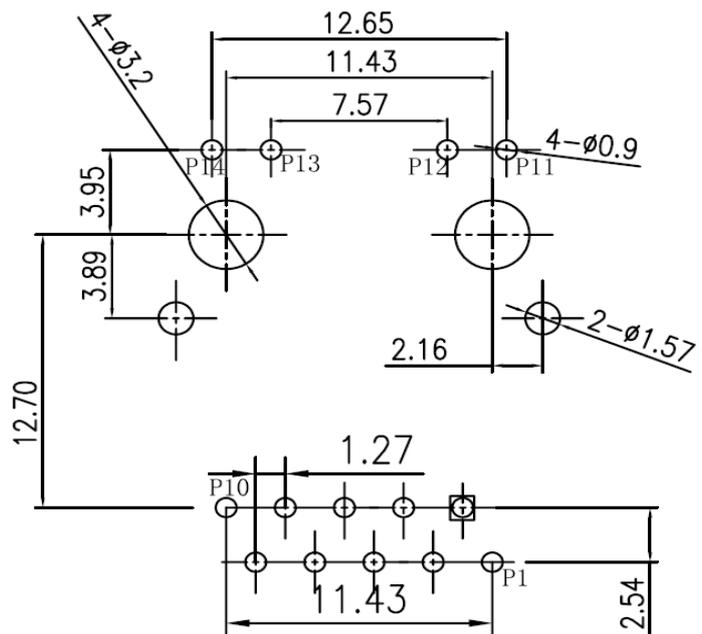
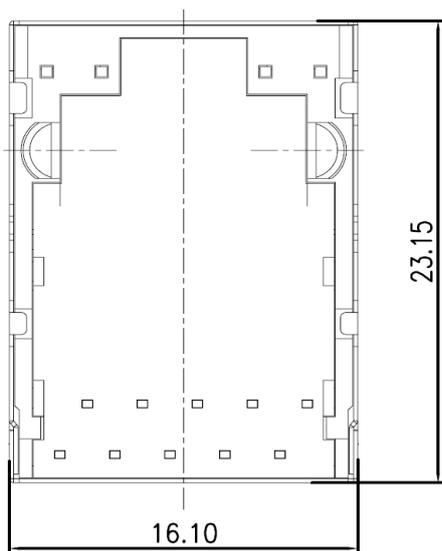
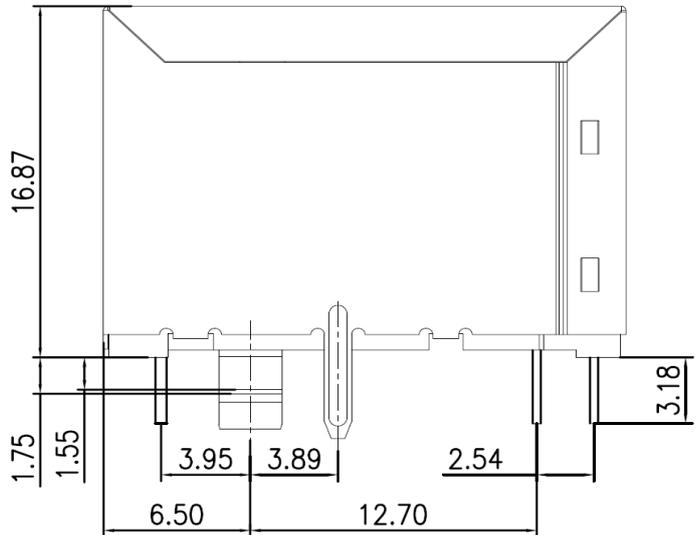
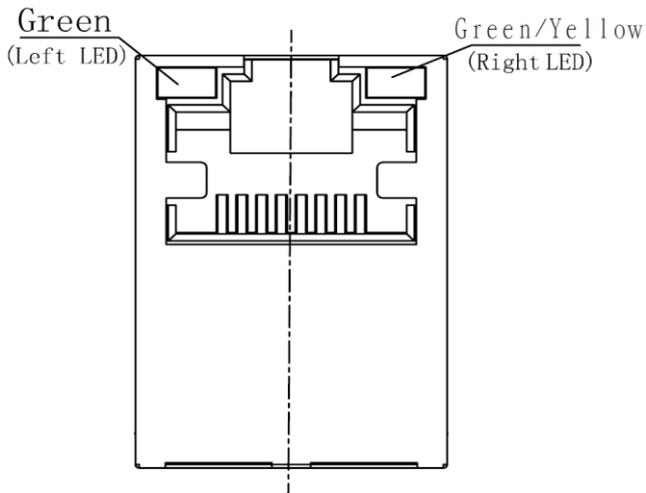
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PRODUCT	RJ311108F2047L3-CM	COIL SPECIFICATION	DATE	2020/8/29
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EXTERNAL DIMENSIONS :

1 * 1 Port RJ45 Jack

With 100/1000 Base T Magnetics Module



Recommend Layout From Component Side

Marking: 311108F2047L3

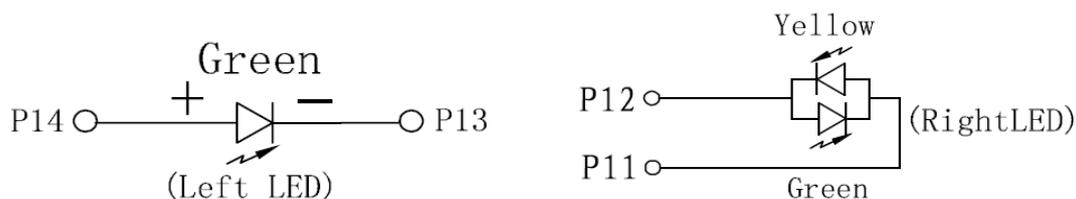
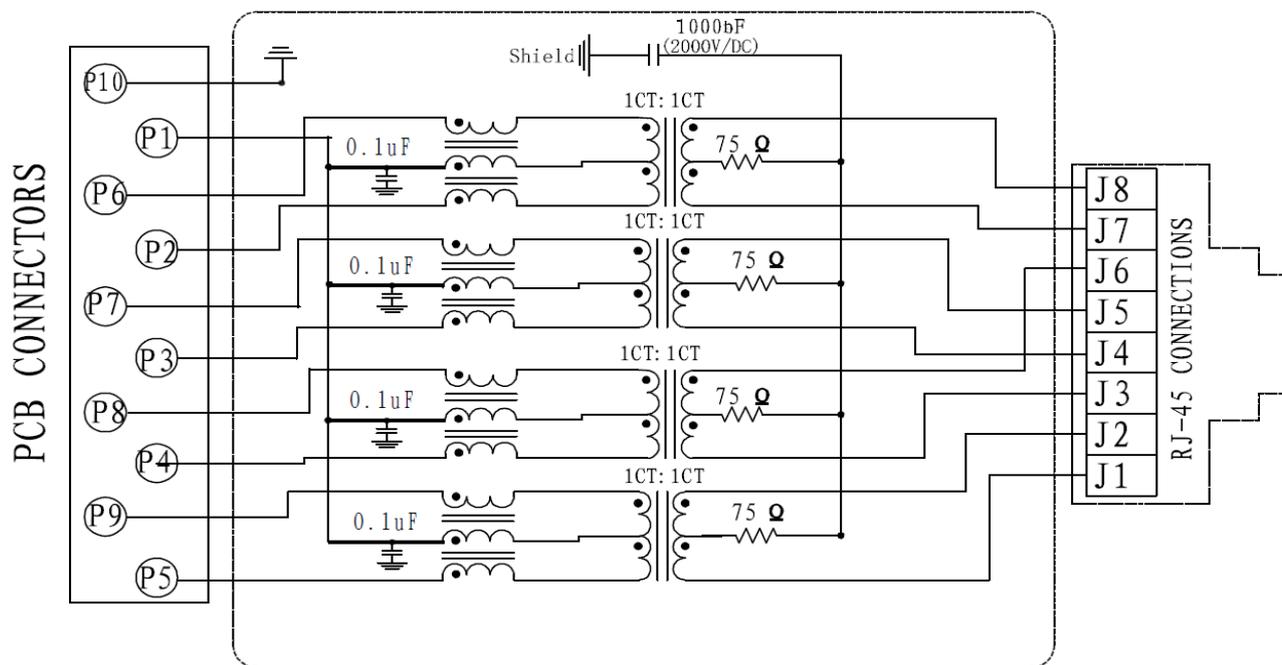
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PCB JACK SEPCIFICATION :

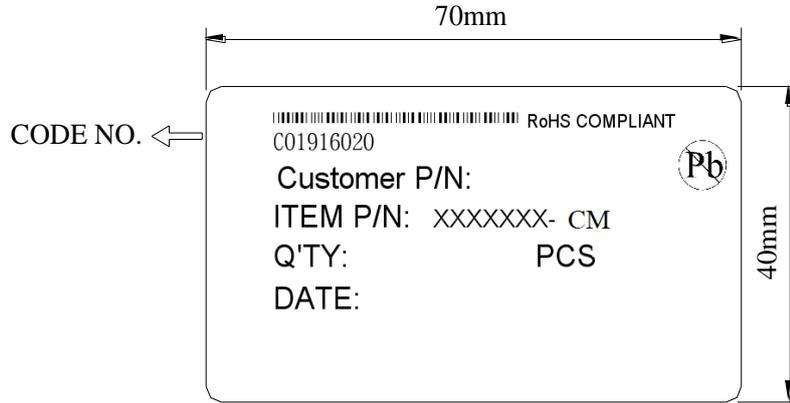
1. OCL:350uH Min. @100KHz/100m VRMS 8mA DC BIAS
2. INSERTION LOSS : -1.2dB Max. @ 100KHz to 100MHz
3. RETURN LOSS : -18dB Min. @ 1MHz to 30MHz
-14dB Min. @ 30MHz to 60MHz
-12dB Min. @ 60MHz to 80MHz
-10dB Min. @ 80MHz to 100MHz
4. CROSS TALK : -30dB Min. @ 1MHz to 100MHz
5. CMR : -30dB Min. @ 1MHz to 100MHz
6. Isolation Voltage: 1500V/AC(Input to Output)
7. Operating Temperature : -40~85°C



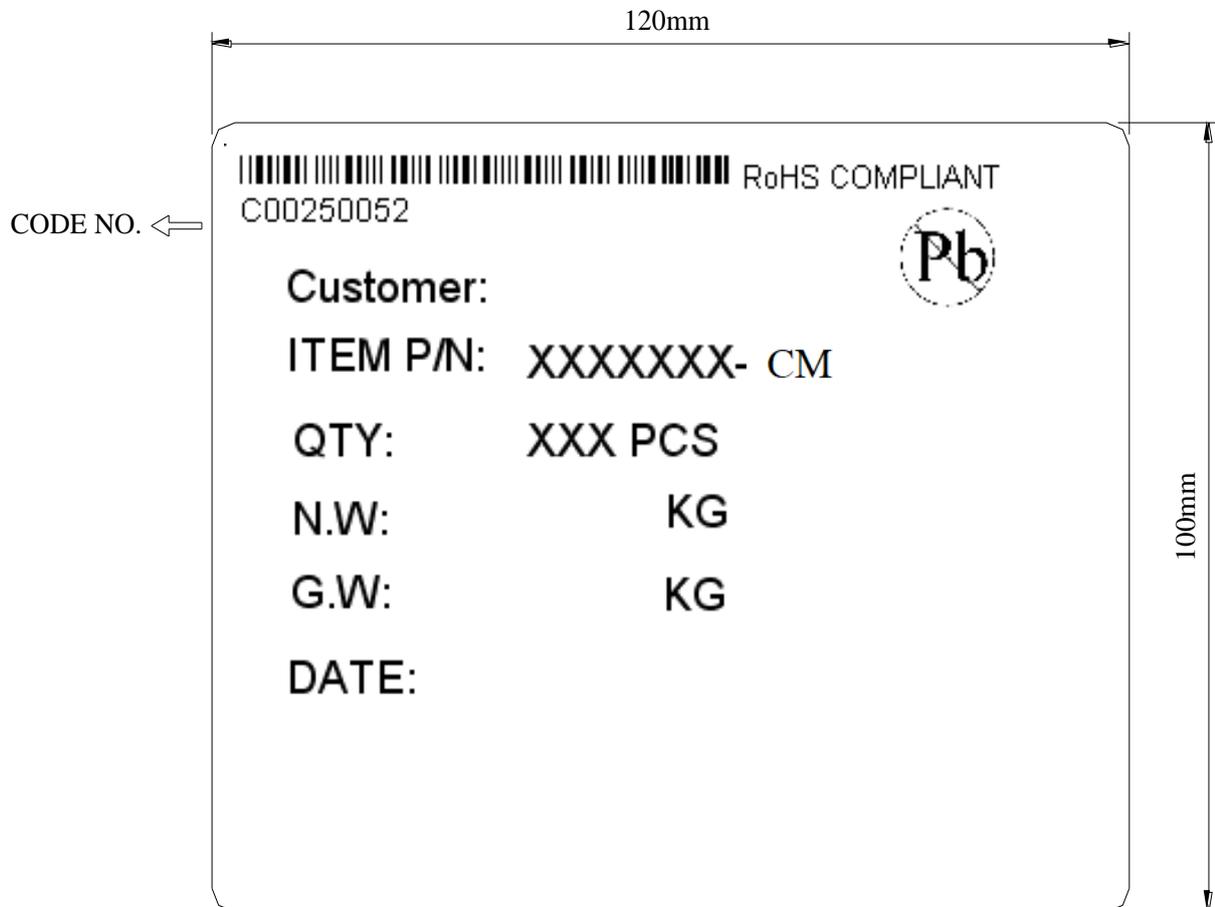
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TABLE :



INNER BOX LABEL



OUT BOX LABEL

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Cautions and Warnings :

1. All of the components are manufactured, designed, and promoted for applying in general electronics devices, for the specific area such as automotive, medical, military and aerospace except for general electronic devices, BEC Distribution must be asked for written approval before incorporating the components into these areas.
2. The components that will be used in high-reliability / high level of safety applications should be pre-evaluated by the end customer. Especially in customer applications in which the malfunction or failure of an electronic component could endanger human life or health. The customer shall be responsible for evaluating and confirming the product is suitable for use in customer's applications.
3. Customer must be cautioned to verify that data sheets are the updated ones before placing orders. In the individual cases, any trouble or failure of electronic components happens during their long span cannot be eliminated even follow the instruction with existing technology.
4. Washing / Cleaning process may jeopardize the product and cause the defect. Washing agents may harm the long-term functionality of the product
5. The storage period should not be longer than 12 months (In the specific storage environment). The oxidization may happen on the terminals. Hence all the products shall be used within 12 months after the shipping date. If the time is over 12 months, please check the solderability before use it.
6. Products should not be kept in unsuitable storage conditions, such as areas susceptible to high humidity, high temperatures, dust or corrosion.
7. Don't touch electrodes directly with bare hands as oil secretions may inhibit soldering. Always ensure optimum conditions for soldering.
8. Don't bend the terminals or subject them to excessive stress.
9. Please ensure that all terminals and case lugs are completely fixed with solder onto PCB
10. Ensure the tuning slug or cap is not fixed by solder flux during the production process.
11. Avoid placing coils near the edge of the PCB
12. Don't touch any exposed winding part and avoid coming into contact with the guide of the electrode in automatic mounting
13. The inductor / coil / common mode choke generates heat when current is applied. Please take care of this during the design.
14. Always handle the product with care to prevent the damage.
15. Our specification specifies the quality of the component as a single unit. Please ensure the component is thoroughly evaluated in your application circuit. Even for customized products, conclusive validation of the component in the circuit can only be carried out by customer.
16. The general testing condition is in the room temperature 25 +/- 5°C and humidity under 65% RH, which is applied to all products.
17. If have any query, please feel free to contact our sales department.