



# Frontier Electronics Corp.

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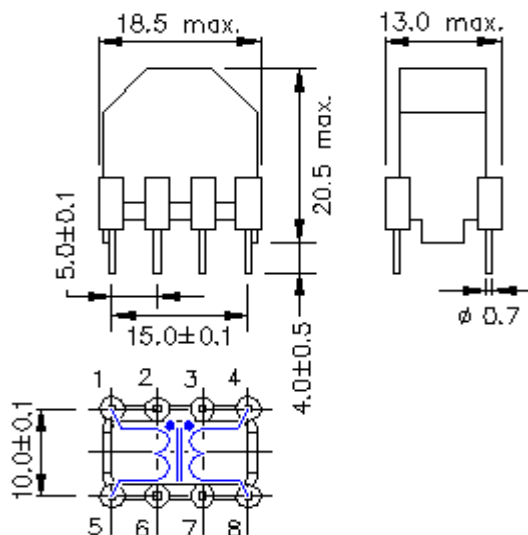
## Common Mode Line Filters—3112 series

### A. Specifications:

| Part Number | Inductance (uH) | / L1-L2/ (uH) Max. | DCR (OHMS) Max. | Rated Current (A) RMS. |
|-------------|-----------------|--------------------|-----------------|------------------------|
| 3112-11     | 2 x 0.4         | 0.04               | 0.06            | 2.6                    |
| 3112-12     | 2 x 1.0         | 0.10               | 0.10            | 2.0                    |
| 3112-13     | 2 x 3.3         | 0.33               | 0.17            | 1.5                    |
| 3112-14     | 2 x 6.8         | 0.68               | 0.28            | 1.2                    |
| 3112-15     | 2 x 10          | 1.00               | 0.55            | 0.7                    |
| 3112-16     | 2 x 15          | 1.50               | 0.83            | 0.5                    |
| 3112-17     | 2 x 27          | 2.70               | 1.80            | 0.4                    |
| 3112-18     | 2 x 39          | 3.90               | 1.90            | 0.4                    |

Original P/N is 3110122-series. (All the spec remains the same, except Frontier reassign the P/N and change to 3112-series.)

### B. Mechanical Dimensions:



### C. General information:

1. Test Condition: 1.0KHz / 1V.
2. Electrical specifications at 25°C.
3. Temperature Rise: 40°C.
4. Operating temperature: -20°C TO +105°C.
5. Insulation Resistance: 100M OHMS at 500VDC.
6. Rated Voltage: 100V to 270V / 50-60 Hz.
7. Hi-Pot Voltage: 1500VAC for one minute.
8. For **“LEAD FREE” / “RoHS”** parts, we add **“-LF” / “-LFR”** after the part number.

★ *Custom specifications are available.*