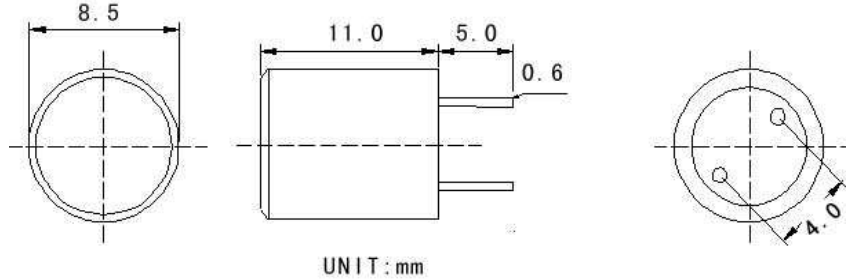
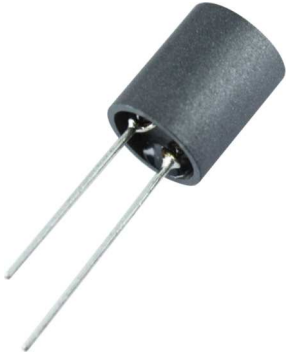


## Pin Type Power Inductor KWF0810 Series

KWF0810 Series, Ideal as a choke coil for noise filtering. It is suitable for use in audio processing circuits for low, high and bandpass filtering.

Mainly used by Ideal for use as a power choke coil in general household appliances such as TV set, video appliances and industrial equipment. Can also be used as peaking coil in filtering applications. Communication equipment.



UNIT : mm

1. Inductance tested at 100KHz, 0.1V;
2. SRF > 13MHz measured using Agilent / HP8753D network Analyzer;
3. Inductance drop = 10% typ. at rated Isat;
4.  $\Delta T = 40^\circ\text{C}$  rise typ. at Irms;
5. Operating temperature range  $-40^\circ\text{C}$  to  $+125^\circ\text{C}$ ;
6. Electrical specifications at  $+25^\circ\text{C}$ ;

| PART NO      | L(mH) | DCR max (m $\Omega$ ) | IDC max (A) | TEST FREQ. (Hz) |
|--------------|-------|-----------------------|-------------|-----------------|
| KWF0810-102M | 1.0   | 4.7                   | 57          | 50KHz           |
| KWF0810-122M | 1.2   | 5.1                   | 50          | 50KHz           |
| KWF0810-152M | 1.5   | 5.9                   | 46          | 50KHz           |
| KWF0810-182M | 1.8   | 6.6                   | 41          | 50KHz           |
| KWF0810-222M | 2.2   | 7.8                   | 37          | 50KHz           |
| KWF0810-272M | 2.7   | 9.0                   | 34          | 50KHz           |
| KWF0810-332M | 3.3   | 10.0                  | 30          | 50KHz           |
| KWF0810-392M | 3.9   | 11.5                  | 28          | 50KHz           |
| KWF0810-472M | 4.7   | 12.6                  | 25          | 50KHz           |
| KWF0810-562M | 5.6   | 17.2                  | 23          | 50KHz           |
| KWF0810-682M | 6.8   | 19.0                  | 20          | 50KHz           |
| KWF0810-882M | 8.8   | 22.0                  | 18          | 50KHz           |
| KWF0810-103M | 10.0  | 25.0                  | 15          | 50KHz           |
| KWF0810-123M | 12.0  | 28.0                  | 14          | 50KHz           |
| KWF0810-153M | 15.0  | 33.0                  | 12          | 50KHz           |
| KWF0810-183M | 18.0  | 42.0                  | 11          | 50KHz           |
| KWF0810-223M | 22.0  | 48.0                  | 10          | 50KHz           |
| KWF0810-273M | 27.0  | 56.0                  | 10          | 50KHz           |
| KWF0810-333M | 33.0  | 64.0                  | 9           | 50KHz           |
| KWF0810-393M | 39.0  | 72.0                  | 8           | 50KHz           |
| KWF0810-473M | 47.0  | 82.0                  | 8           | 50KHz           |

In Bulk Packing

Special inquiries besides the above common used types can be met on your requirement.

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