

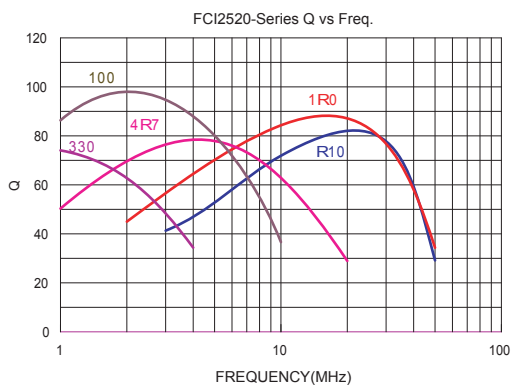
- All the data listed in this catalogue are for reference only,TAI-TECH reserves the right to alter or revise the specifications without prior notification.

## FCI 2520 Series

| Part Number  | Thickness<br>C size (mm) | Inductance<br>(uH) | Q<br>min. | Test Frequency<br>(MHz) | SRF<br>(MHz) min. | DC Resistance<br>(ohm) max. | Rated Current<br>(mA) |
|--------------|--------------------------|--------------------|-----------|-------------------------|-------------------|-----------------------------|-----------------------|
| FCI2520-R10□ | 1.6±0.3                  | 0.10               | 30        | 25.2                    | 680               | 0.21                        | 450                   |
| FCI2520-R12□ | 1.6±0.3                  | 0.12               | 30        | 25.2                    | 650               | 0.22                        | 400                   |
| FCI2520-R15□ | 1.6±0.3                  | 0.15               | 30        | 25.2                    | 530               | 0.25                        | 400                   |
| FCI2520-R18□ | 1.6±0.3                  | 0.18               | 30        | 25.2                    | 520               | 0.29                        | 370                   |
| FCI2520-R22□ | 1.6±0.3                  | 0.22               | 30        | 25.2                    | 390               | 0.30                        | 370                   |
| FCI2520-R27□ | 1.6±0.3                  | 0.27               | 30        | 25.2                    | 330               | 0.33                        | 350                   |
| FCI2520-R33□ | 1.6±0.3                  | 0.33               | 30        | 25.2                    | 310               | 0.39                        | 350                   |
| FCI2520-R39□ | 1.6±0.3                  | 0.39               | 30        | 25.2                    | 290               | 0.40                        | 320                   |
| FCI2520-R47□ | 1.6±0.3                  | 0.47               | 30        | 25.2                    | 240               | 0.44                        | 300                   |
| FCI2520-R56□ | 1.6±0.3                  | 0.56               | 30        | 25.2                    | 210               | 0.49                        | 250                   |
| FCI2520-R68□ | 1.6±0.3                  | 0.68               | 30        | 25.2                    | 180               | 0.52                        | 250                   |
| FCI2520-R82□ | 1.6±0.3                  | 0.82               | 30        | 25.2                    | 155               | 0.61                        | 200                   |
| FCI2520-1R0□ | 1.6±0.3                  | 1.0                | 30        | 7.96                    | 140               | 0.75                        | 150                   |
| FCI2520-1R2□ | 1.6±0.3                  | 1.2                | 30        | 7.96                    | 135               | 0.87                        | 120                   |
| FCI2520-1R5□ | 1.6±0.3                  | 1.5                | 30        | 7.96                    | 130               | 1.00                        | 110                   |
| FCI2520-1R8□ | 1.6±0.3                  | 1.8                | 30        | 7.96                    | 120               | 1.10                        | 100                   |
| FCI2520-2R2□ | 1.6±0.3                  | 2.2                | 30        | 7.96                    | 105               | 1.30                        | 100                   |
| FCI2520-2R7□ | 1.6±0.3                  | 2.7                | 30        | 7.96                    | 90                | 1.40                        | 100                   |
| FCI2520-3R3□ | 1.6±0.3                  | 3.3                | 30        | 7.96                    | 80                | 1.60                        | 80                    |
| FCI2520-3R9□ | 1.6±0.3                  | 3.9                | 30        | 7.96                    | 75                | 1.70                        | 80                    |
| FCI2520-4R7□ | 1.6±0.3                  | 4.7                | 30        | 7.96                    | 65                | 1.90                        | 80                    |
| FCI2520-5R6□ | 1.6±0.3                  | 5.6                | 30        | 7.96                    | 60                | 2.20                        | 80                    |
| FCI2520-6R8□ | 1.6±0.3                  | 6.8                | 30        | 7.96                    | 55                | 2.40                        | 70                    |
| FCI2520-8R2□ | 1.6±0.3                  | 8.2                | 30        | 7.96                    | 50                | 2.60                        | 50                    |
| FCI2520-100□ | 1.6±0.3                  | 10.0               | 25        | 2.52                    | 30                | 2.20                        | 30                    |
| FCI2520-120□ | 1.6±0.3                  | 12.0               | 25        | 2.52                    | 27                | 2.50                        | 20                    |
| FCI2520-150□ | 1.6±0.3                  | 15.0               | 25        | 2.52                    | 23                | 2.80                        | 20                    |
| FCI2520-180□ | 1.6±0.3                  | 18.0               | 25        | 2.52                    | 22                | 3.20                        | 20                    |
| FCI2520-220□ | 1.6±0.3                  | 22.0               | 25        | 2.52                    | 21                | 3.60                        | 20                    |
| FCI2520-270□ | 1.6±0.3                  | 27.0               | 25        | 2.52                    | 19                | 4.30                        | 15                    |
| FCI2520-330□ | 1.6±0.3                  | 33.0               | 25        | 2.52                    | 17                | 4.70                        | 15                    |

NOTE: □ : TOLERANCE J: +/-5% K: +/-10% L: +/-15% M: +/-20%.

### Q-Frequency Characteristics



### Inductance-Current Characteristics

