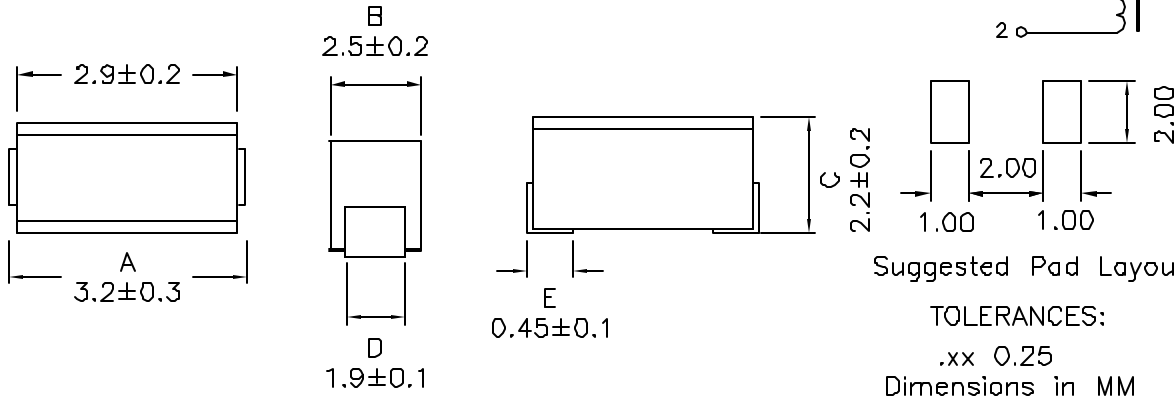
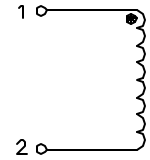


## XFWIC322522 SERIES INDUCTORS

- \* TAPE AND REEL PACKAGING FOR HIGH VOLUME MANUFACTURING  
2000 PCS PER 7" REEL
- \* FOR DC/DC CONVERTERS, DC/AC INVERTERS, VRM APPLICATIONS
- \* TEMP. RISE; 15°C TYPICAL ABOVE 60°C AMBIENT
- \* OPERATING TEMP.: -40°C TO +125°C
- \* RoHS COMPLIANT

Schematic:



| Part Number      | INDUCTANCE<br>( $\mu$ H) | Q<br>Min | SRF<br>Min.<br>(MHz) | RDC<br>$\pm 30\%$<br>(Ohms) | IDC<br>Max<br>(mA) | Test<br>Frequency<br>(MHz) |
|------------------|--------------------------|----------|----------------------|-----------------------------|--------------------|----------------------------|
| XFWIC322522-1R0_ | 1.0                      | 10       | 100                  | 0.08                        | 850                | 7.96                       |
| XFWIC322522-1R5_ | 1.5                      | 10       | 80                   | 0.11                        | 700                | 7.96                       |
| XFWIC322522-2R2_ | 2.2                      | 10       | 68                   | 0.13                        | 600                | 7.96                       |
| XFWIC322522-3R3_ | 3.3                      | 10       | 54                   | 0.16                        | 500                | 7.96                       |
| XFWIC322522-4R7_ | 4.7                      | 15       | 46                   | 0.20                        | 430                | 7.96                       |
| XFWIC322522-6R8_ | 6.8                      | 15       | 38                   | 0.27                        | 360                | 7.96                       |
| XFWIC322522-100_ | 10                       | 15       | 30                   | 0.36                        | 300                | 2.52                       |
| XFWIC322522-150_ | 15                       | 15       | 26                   | 0.56                        | 250                | 2.52                       |
| XFWIC322522-220_ | 22                       | 15       | 21                   | 0.77                        | 210                | 2.52                       |
| XFWIC322522-330_ | 33                       | 15       | 17                   | 1.10                        | 170                | 2.52                       |
| XFWIC322522-470_ | 47                       | 15       | 14                   | 1.64                        | 150                | 2.52                       |
| XFWIC322522-680_ | 68                       | 15       | 12                   | 2.80                        | 120                | 2.52                       |
| XFWIC322522-101_ | 100                      | 15       | 10                   | 3.70                        | 100                | 0.796                      |
| XFWIC322522-151_ | 150                      | 20       | 8                    | 6.10                        | 85                 | 0.796                      |
| XFWIC322522-221_ | 220                      | 20       | 7                    | 8.40                        | 70                 | 0.796                      |
| XFWIC322522-331_ | 330                      | 20       | 6                    | 12.30                       | 60                 | 0.796                      |

Inductance Tolerance: (J:  $\pm 5\%$ , K:  $\pm 10\%$ , M:  $\pm 20\%$ )