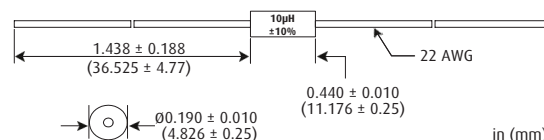


### 19M SERIES



### Molded Unshielded RF Coils

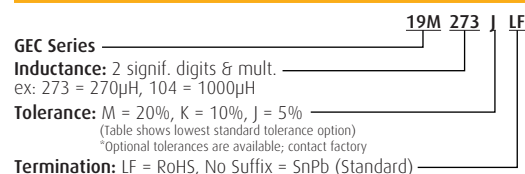


| PART NUMBER        | L<br>µH | Q<br>MIN | L&Q TEST<br>FREQ<br>MHz | SRF<br>MHz<br>MIN | DCR<br>Ω<br>MAX | CURRENT<br>RATING<br>mA DC |
|--------------------|---------|----------|-------------------------|-------------------|-----------------|----------------------------|
| POWDERED IRON CORE |         |          |                         |                   |                 |                            |
| 19M273J            | 270     | 65       | 0.79                    | 5.6               | 8.2             | 110                        |
| 19M303J            | 300     | 65       | 0.79                    | 5.3               | 8.7             | 107                        |
| 19M333J            | 330     | 65       | 0.79                    | 5.0               | 9.1             | 105                        |
| 19M363J            | 360     | 65       | 0.79                    | 4.7               | 9.6             | 102                        |
| 19M393J            | 390     | 65       | 0.79                    | 4.5               | 10.0            | 100                        |
| 19M433J            | 430     | 65       | 0.79                    | 4.3               | 10.6            | 97                         |
| 19M473J            | 470     | 65       | 0.79                    | 4.0               | 11.1            | 95                         |
| 19M513J            | 510     | 65       | 0.79                    | 3.8               | 11.6            | 93                         |
| 19M563J            | 560     | 65       | 0.79                    | 3.6               | 12.3            | 91                         |
| 19M623J            | 620     | 60       | 0.79                    | 3.5               | 13.0            | 88                         |
| 19M683J            | 680     | 60       | 0.79                    | 3.4               | 13.7            | 85                         |
| 19M753J            | 750     | 60       | 0.79                    | 3.3               | 14.4            | 83                         |
| 19M823J            | 820     | 60       | 0.79                    | 3.1               | 15.1            | 81                         |
| 19M913J            | 910     | 60       | 0.79                    | 2.9               | 15.8            | 79                         |
| 19M104J            | 1000    | 60       | 0.79                    | 2.8               | 16.5            | 78                         |

### NOTES

- **Operating Temperature Range:**  
-55°C to +105°C
- **Current Rating** is based on a 15°C temperature rise at an ambient temperature of 90°C
- **DWV** 700 Vrms @ Sea Level  
180 Vrms @ 70,000 Feet
- **Weight MAX:** 1.30 grams
- **Marking:** Inductance with units and tolerance (see diagram above)
- **Body Color:** black
- Materials are fungus-inert to meet method 508 of MIL-STD-810H
- Custom designs are available to meet your specific requirements; please contact factory

### PART NUMBER DERIVATION



### TAPE AND REEL SPECS:

|                      |           |
|----------------------|-----------|
| Pieces/reel maximum: | 2000      |
| Pitch between parts: | 0.200 in. |
| Tape width:          | 2.062 in. |
| Reel diameter:       | 12 in.    |
| Class:               | 1         |