



CORE DIMENSIONS 66T0175-20P

| UNCOATED CORE | | MM | INCHES | MM | INCHES |
|------------------|-------------|--------|--------|-----|--------|
| OD | 4.45 | (.175) | ± | .15 | (.006) |
| ID | 2.29 | (.090) | ± | .15 | (.006) |
| TH | 2.54 | (.100) | ± | .15 | (.006) |
| SINGLE PARAYLENE | | MM | INCHES | MM | INCHES |
| OD | 4.47 | (.176) | ± | .15 | (.006) |
| ID | 2.26 | (.089) | ± | .15 | (.006) |
| TH | 2.57 | (.101) | ± | .15 | (.006) |

WEIGHT / K 0.13915 .3068 LBS
 INITIAL PERMEABILITY **3200**

| ELECTRICAL SPECIFICATION | | | | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-------------|------------|-------|-------|
| | MIN. TOL. | MIN. (μH) | NOM. (μH) | MAX. (μH) | MAX. TOL. | FREQ. (kHz) | VOLT. (mV) | GAUSS | TURNS |
| L1 Ref. | -25.0% | 0.81 | 1.081 | 1.35 | 25.0% | 100 | 1.17 | 10 | 1 |

| COATING SPECIFICATIONS | | | |
|------------------------|---------------------------|--------------|-----------------|
| TYPE | Ref. Coating (mm / mils.) | Min. DLB VAC | TEST FORCE (LB) |
| Paraylene | (0.0127 / 0.5) | 1000 | .18 |

NOTES: 1. DC BIAS REQUIREMENT:
 100 kHz / 258.3 mV / 22 turns / 38 AWG

| | |
|---------------------------------------|-------|
| H(Oe) | 0.56 |
| DC Bias (mA) | 20.0 |
| Min. Inductance (uH): (0 °C to 70 °C) | 350.0 |

2. Cosmetic Specification refer to WI-QA-015.



| Rev | Description | Date | INT |
|-----|----------------|-----------|------|
| A | Original Draft | 2011/6/21 | Jcai |

| | | |
|-----------------|---------------------|------|
| Date: 2011-6-21 | DWG # 66T0175-20P-A | Rev: |
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