

CORE DIMENSIONS 66T0190-70P

| UNCOATED CORE | | | | | |
|------------------|------|--------|---|-----|--------|
| | MM | INCHES | | MM | INCHES |
| OD | 4.83 | (.190) | ± | .15 | (.006) |
| ID | 2.29 | (.090) | ± | .15 | (.006) |
| TH | 4.45 | (.176) | ± | .15 | (.006) |
| SINGLE PARAYLENE | | | | | |
| OD | 4.83 | (.190) | ± | .20 | (.008) |
| ID | 2.29 | (.090) | ± | .20 | (.008) |
| TH | 4.45 | (.176) | ± | .20 | (.008) |

WEIGHT / K 0.346 .7627 LBS
 INITIAL PERMEABILITY 3200

| ELECTRICAL SPECIFICATION | | | | | | | | | |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-------------|------------|-------|-------|
| | MIN. TOL. | MIN. (μH) | NOM. (μH) | MAX. (μH) | MAX. TOL. | FREQ. (kHz) | VOLT. (mV) | GAUSS | TURNS |
| L1-1T | -25.0% | 1.59 | 2.120 | - | - | 100 | 2.73 | 10 | 1 |
| Q Ref. | | 30 | | | | | | | |

| COATING SPECIFICATIONS | | | |
|------------------------|---------------------------|--------------|-----------------|
| TYPE | Ref. Coating (mm / mils.) | Min. DLB VAC | TEST FORCE (LB) |
| Paraylene | (0.0127 / 0.5) | 1000 | .22 |

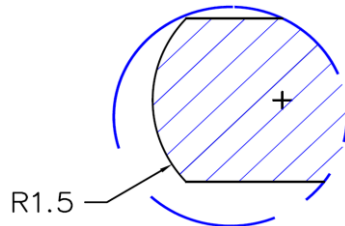
NOTES:

- DC BIAS REQUIREMENT:
100 kHz / 100 mV / 20 turns / 38 AWG

| | |
|---------------------------------------|-------|
| DC Bias (mA) | 24.0 |
| Min. Inductance (uH): (0 °C to 70 °C | 380.0 |

- Cosmetic Specification refer to WI-QA-015.

3. 烧结后产品外观如下图，产品需要倒角去毛刺。



| Rev | Description | Date | INT |
|-----|-----------------------------|-----------|------|
| A | Original Draft | 2011/6/29 | Jcai |
| B | Updated DLB spec to 1000VAC | 2015/4/16 | Jcai |
| C | Add Notes 3 | 2015/6/1 | Jcai |

| | | |
|----------------|---------------------|------|
| Date: 2015/6/1 | DWG # 66T0190-70P-C | Rev: |
| Drawn By: Jcai | Title # 66T0190-70P | C |

Laird This document contains information which is proprietary to laird. No production or publication of this document in whole or in part shall be made without written authorization from Laird.

UNCONTROLLED DOCUMENT - FOR REFERENCE ONLY