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| SPECIFICATION | | PAGE | 1/3 |
| PART NUMBER : | TDC571060 | REV. | A |

SPECIFICATION

PART NO: TDC571060

【Approval Stamp Column 】

Customer :



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| SPECIFICATION | | PAGE | 2/3 |
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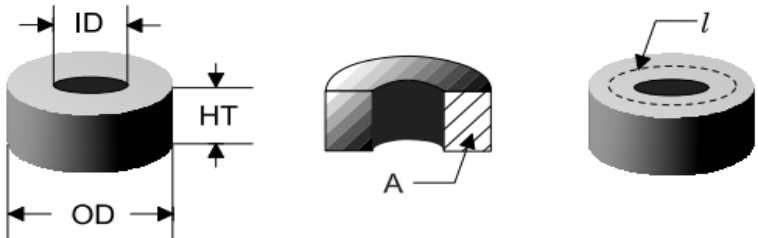
A

BEFORE COATING

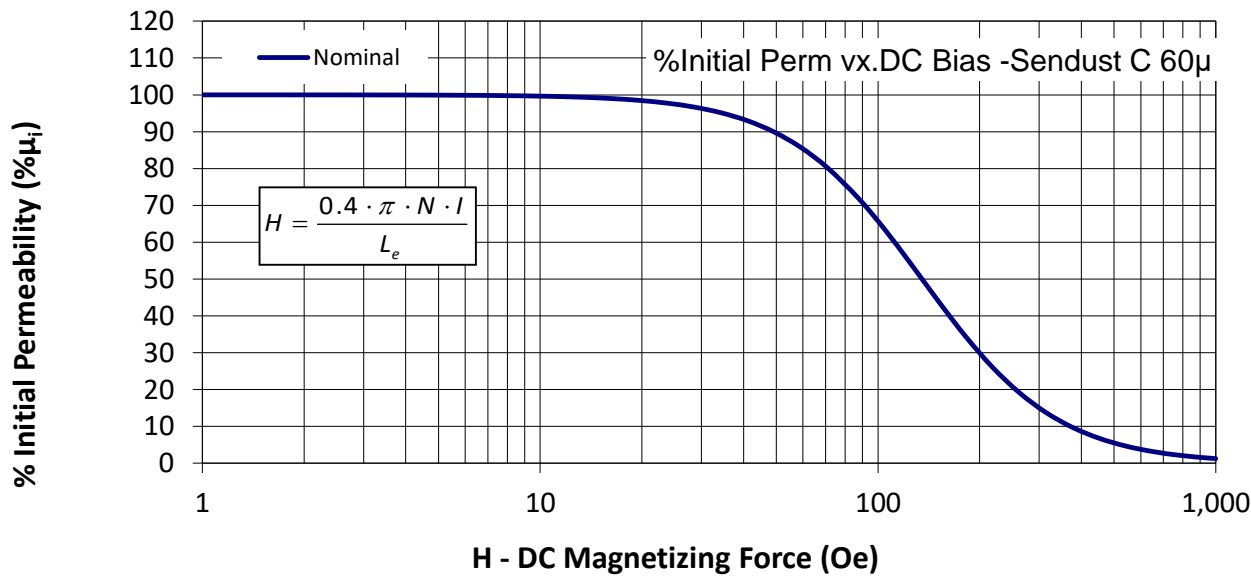
| | | | | | |
|------------------|------|---|-------|----|-----|
| OUTSIDE DIAMETER | (OD) | : | 57.15 | mm | MAX |
| INSIDE DIAMETER | (ID) | : | 26.39 | mm | MIN |
| HEIGHT | (HT) | : | 15.24 | mm | MAX |

| | | | | | |
|------------------|------|---|-------|----|-----|
| OUTSIDE DIAMETER | (OD) | : | 58.04 | mm | MAX |
| INSIDE DIAMETER | (ID) | : | 25.58 | mm | MIN |
| HEIGHT | (HT) | : | 16.13 | mm | MAX |

| | | |
|---|-------|-----------------|
| EFFECTIVE MAGNETIC PATH LENGTH (L_e): | 12.5 | cm |
| EFFECTIVE CROSS SEPCION AREA (A_e): | 2.29 | cm ² |
| EFFECTIVE VOLUME (V_e): | 28.60 | cm ³ |



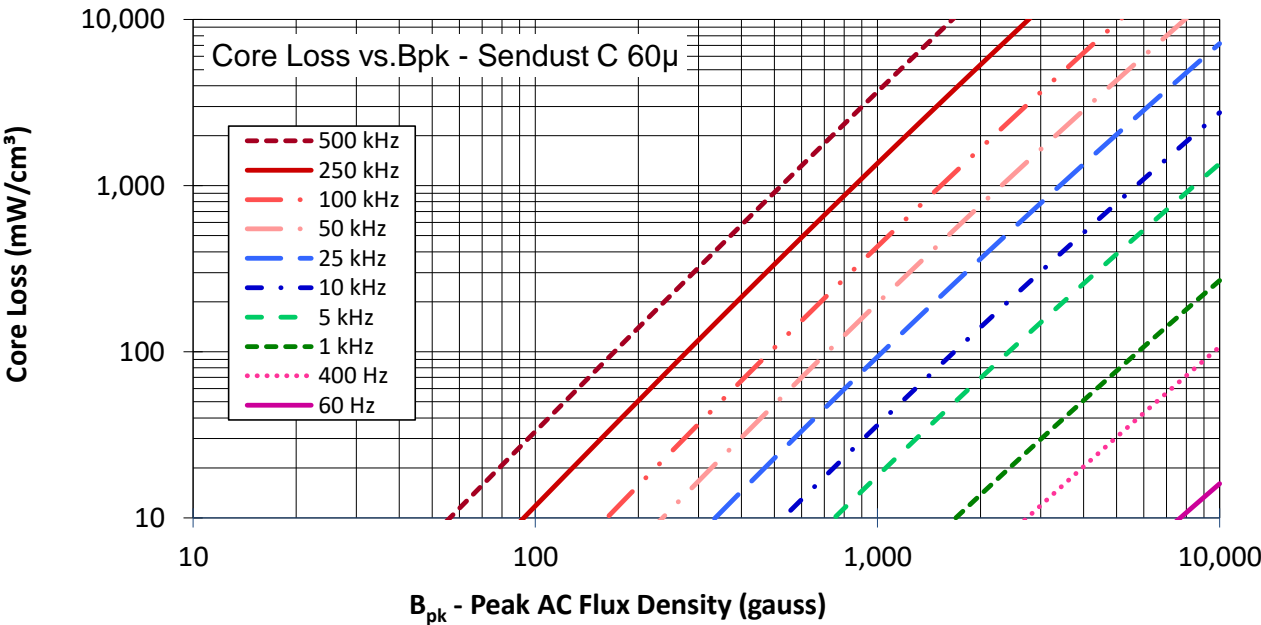
| | | |
|------------------------------|---|--------|
| H _{DC} | : | 100.0e |
| PERCENT INITIAL PERM (NOM) | : | 65.76% |
| PERCENT INITIAL PERM (MIN.) | : | 60.50% |



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4: CORE LOSS

| | | |
|---------------------|---|------------|
| B _{pk} | : | 1000 G |
| FREQUENCY | : | 50 kHz |
| CORE LOSS (NOMINAL) | : | 196 mW/cm³ |
| CORE LOSS (MAXIMUM) | : | 250 mW/cm³ |



5: INDUCTANCE

| | | |
|----------------------------|---|-----------|
| μ _i (REFERENCE) | : | 60 |
| AL VALUE (NOMINAL) | : | 138 nH/N² |
| FREQUENCY | : | 10kHz |
| VOLTAGE ON TH2829A | : | 0.29V |
| AL TOLERANCE | : | ±8% |
| TEST INSTRUMENT | : | TH2829A |

6: COATING/PACKAGE

| | | |
|--------------------------|---|-------------|
| COATING TYPE | : | Blue Epoxy |
| VOLTAGE BREAKDOWN (MIN.) | : | 1000 Vrms |
| LIMIT | : | 0.1 mA, 5 s |
| PACKAGE QUANTITY | : | 80 Pcs/Box |

7: MATERIAL DESCRIPTION FALSE

| REVISION HISTORY | | | PREPARED | CHECKED | APPROVED |
|------------------|-------------|----------|------------------|---------|----------|
| REV. | DESCRIPTION | DATE | | | |
| A | FIRST ISSUE | 2022/6/8 | <div>STODA</div> | | |
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