# Mn-Zn EER Cores

## SHAPES AND DIMENSIONS

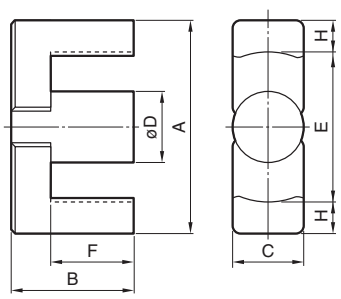



Fig. 1

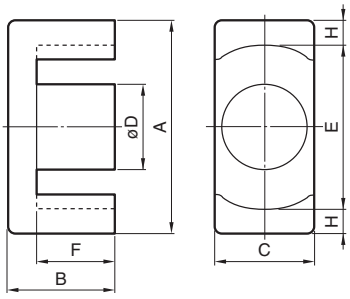



Fig. 2

PC47 | EER25.5 - Z

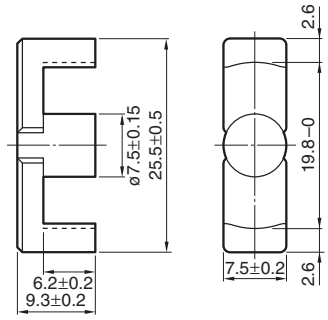
| Material | Size of E core | AL-value (Z: without air gap) |
|---|---|---|

| Part No. | U.S. lam. cores, DIN standard JIS | Core | Dimensions (mm) A | B | C | øD | E min. | F | H |
|---|---|---|---|---|---|---|---|---|---|
| **PC47EER25.5-Z**<br>**PC95EER25.5-Z** | JIS FEER25.5A | Fig.1 | 25.5±0.5 | 9.3±0.2 | 7.5±0.2 | 7.5±0.15 | 19.8 | 6.2±0.2 | 2.6 |
| **PC47EER28-Z**<br>**PC95EER28-Z** | JIS FEER28.5A | Fig.2 | 28.55±0.55 | 14.0±0.2 | 11.4±0.25 | 9.9±0.25 | 21.2 | 9.65±0.25 | 3.4 |
| **PC47EER28L-Z**<br>**PC95EER28L-Z** | JIS FEER28.5B | Fig.2 | 28.55±0.55 | 16.9±0.25 | 11.4±0.25 | 9.9±0.25 | 21.2 | 12.53±0.28 | 3.4 |
| **PC47EER35-Z**<br>**PC95EER35-Z** | JIS FEER35A | Fig.1 | 35.0±0.5 | 20.7±0.2 | 11.3±0.2 | 11.3±0.15 | 25.6 | 14.7±0.3 | 4.43 |
| **PC47EER40-Z**<br>**PC95EER40-Z** | | Fig.1 | 40.0±0.5 | 22.4±0.2 | 13.3±0.25 | 13.3±0.25 | 29.0 | 15.4±0.3 | 5.28 |
| **PC47EER42-Z** | JIS FEER42 | Fig.1 | 42.0±0.6 | 22.4±0.2 | 15.5±0.25 | 15.5±0.25 | 29.4 | 15.4±0.3 | 6.0 |
| **PC47EER42/42/20-Z** | | Fig.2 | 42.15±0.65 | 21.2±0.2 | 19.60±0.4 | 17.3±0.25 | 31.8 | 15.25±0.25 | 4.93 |
| **PC47EER49-Z** | | Fig.1 | 49.0±0.8 | 19.0±0.3 | 17.2±0.4 | 17.2±0.25 | 36.4 | 12.4±0.2 | 6.0 |

| Part No. | Effective parameter: Core factor $C_1(mm^{-1})$ | Effective cross-sectional area $Ae(mm^2)$ | Effective magnetic path length $\ell e(mm)$ | Effective core volume $Ve(mm^3)$ | Weigh (g) | Electrical characteristics: AL-value (nH/N²) 1kHz 0.5mA 100Ts: Without air gap | With air gap | Core loss (W) max. 100kHz 200mT: 100°C | 25°C | 80°C | 120°C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **PC47EER25.5-Z** | 1.08 | 44.8 | 48.2 | 2160 | 11 | 1920±25% | 100±5% | 0.75 | — | — | — |
| **PC95EER25.5-Z** | | | | | | 2700±25% | 200±7% | — | 1.1 | 0.9 | 1.1 |
| **PC47EER28-Z** | 0.780 | 82.1 | 64.0 | 5250 | 28 | 2870±25% | 200±5% | 1.72 | — | — | — |
| **PC95EER28-Z** | | | | | | 4000±25% | 400±7% | — | 2.45 | 2.1 | 2.45 |
| **PC47EER28L-Z** | 0.928 | 81.4 | 75.5 | 6150 | 33 | 2520±25% | 160±5% | 2.03 | — | — | — |
| **PC95EER28L-Z** | | | | | | 3500±25% | 315±7% | — | 2.9 | 2.45 | 2.9 |
| **PC47EER35-Z** | 0.849 | 107 | 90.8 | 9720 | 52 | 2770±25% | 200±5% | 3.18 | — | — | — |
| **PC95EER35-Z** | | | | | | 4000±25% | 400±7% | — | 4.55 | 3.8 | 4.55 |
| **PC47EER40-Z** | 0.658 | 149 | 98.0 | 14600 | 78 | 3620±25% | 200±5% | 4.77 | — | — | — |
| **PC95EER40-Z** | | | | | | 5200±25% | 400±7% | — | 6.8 | 5.7 | 6.8 |
| **PC47EER42-Z** | 0.509 | 194 | 98.8 | 19200 | 102 | 4690±25% | 250±5%<br>500±7% | 6.47 | — | — | — |
| **PC47EER42/42/20-Z** | 0.411 | 240 | 98.6 | 23700 | 116 | 5340±25% | 250±5%<br>500±7% | 9.96 | — | — | — |
| **PC47EER49-Z** | 0.395 | 231 | 91.3 | 21100 | 110 | 6250±25% | 250±5%<br>500±7% | 4.03 | — | — | — |

# Mn-Zn E series **Part No.: PC47EER25.5-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

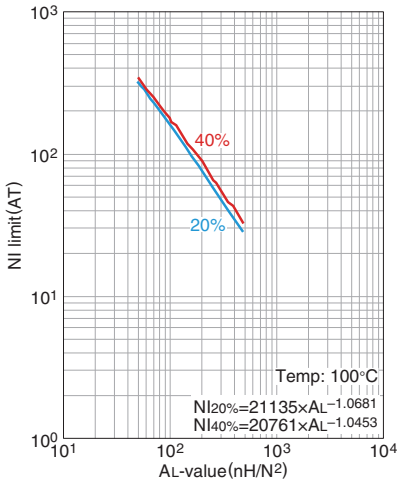
Based on JIS FEER 25.5A.

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| $C_1$ | $\ell e$ | Ae | Ve | Acp | Acp min. | Acw | | | | |
| ($mm^{-1}$) | (mm) | ($mm^2$) | ($mm^3$) | ($mm^2$) | ($mm^2$) | ($mm^2$) | (g/set) | (nH/$N^2$) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 1.08 | 48.2 | 44.8 | 2160 | 44.2 | 42.4 | 79.4 | 11 | 1920±25% | 2910 min. | 0.75 |

* Coil：ø0.35 2UEW 100Ts

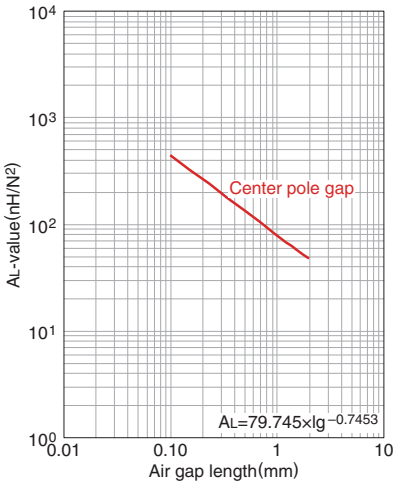
○ Calculated output power (forward converter mode): 112W (100kHz)

### NI limit vs. AL-value (Typ.)



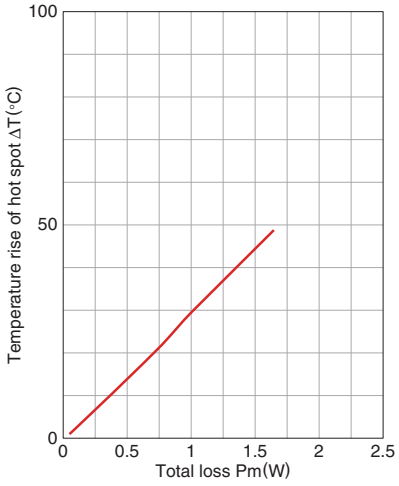

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

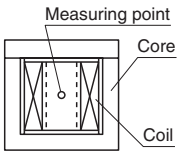



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

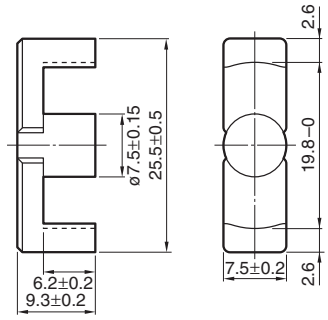



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC95EER25.5-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

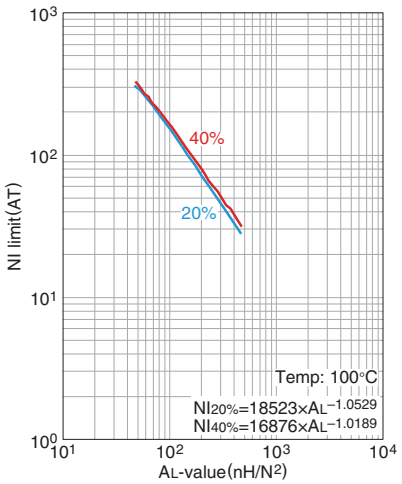
Based on JIS FEER 25.5A.

| Effective parameter | | | | | | | | Electrical characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Core factor $C_1$ ($mm^{-1}$) | Effective magnetic path length $\ell e$ (mm) | Effective cross-sectional area Ae ($mm^2$) | Effective core volume Ve ($mm^3$) | Cross-sectional center pole area Acp ($mm^2$) | Minimum cross-sectional center pole are Acp min. ($mm^2$) | Cross-sectional winding area of core Acw ($mm^2$) | Weigh (g/set) | $A_L$-value * (nH/$N^2$) 1kHz 0.5mA | Core loss (W)max. 100kHz 200mT 25°C | 80°C | 120°C |
| 1.08 | 48.2 | 44.8 | 2160 | 44.2 | 42.4 | 79.4 | 11 | 2700±25% | 1.1 | 0.9 | 1.1 |

* Coil：ø0.35 2UEW 100Ts

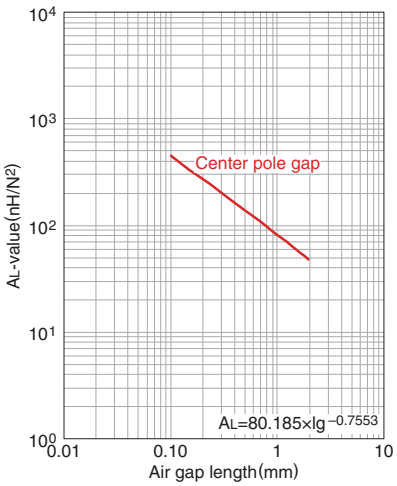
○ Calculated output power (forward converter mode): 96W (100kHz)

### NI limit vs. $A_L$-value (Typ.)



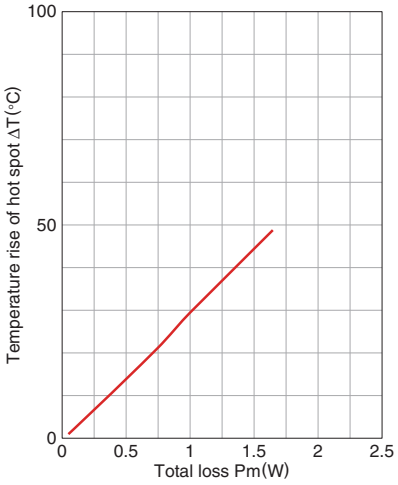

The 20% and 40% graph shows when a 20% and 40% drop from the initial $A_L$-value has been made due to the DC superimposition.

### $A_L$-value vs. Air gap length (Typ.)

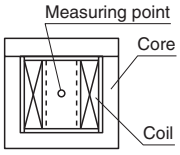



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

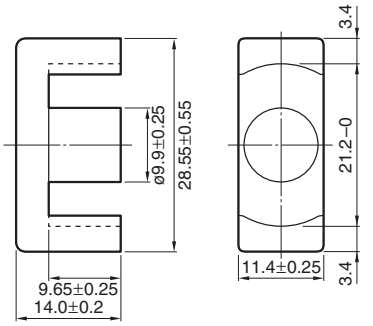



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC47EER28-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

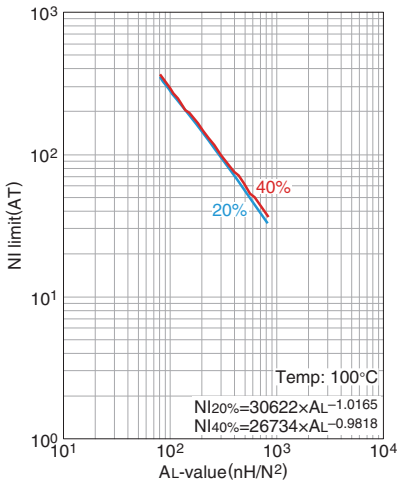
Based on JIS FEER 28.5A.

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 0.78 | 64.0 | 82.1 | 5250 | 77.0 | 73.1 | 114 | 28 | 2870±25% | 4350 min. | 1.72 |

* Coil：ø0.35 2UEW 100Ts

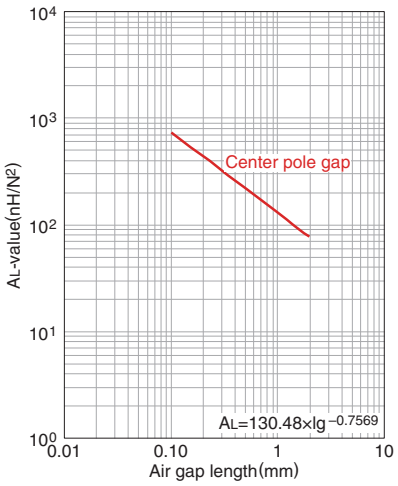
○ Calculated output power (forward converter mode): 233W (100kHz)

### NI limit vs. AL-value (Typ.)



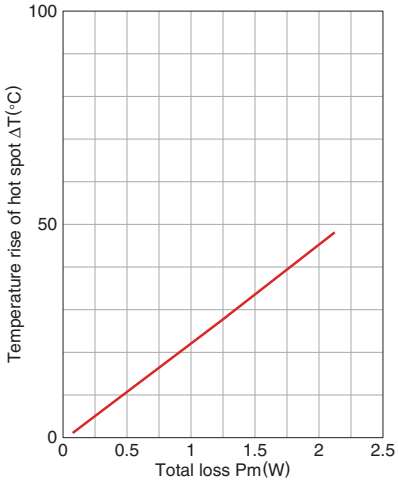

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

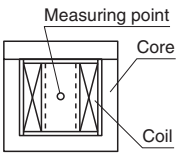



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

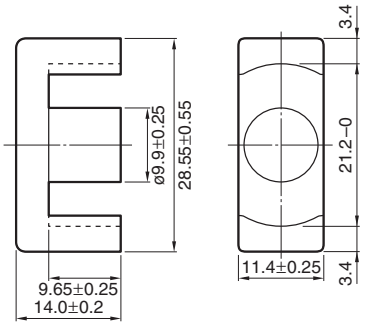



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC95EER28-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

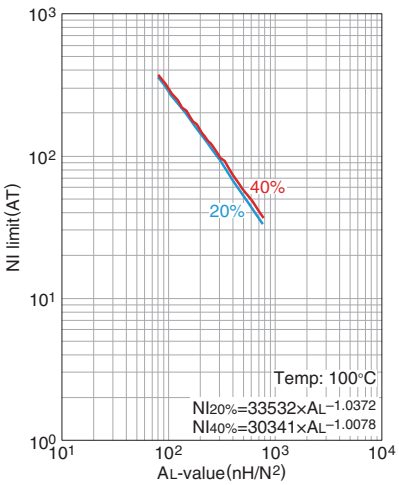
Based on JIS FEER 28.5A.

| Effective parameter | | | | | | | | Electrical characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | Core loss | | |
| $C_1$ | $\ell e$ | Ae | Ve | Acp | Acp min. | Acw | | | | | |
| ($mm^{-1}$) | (mm) | ($mm^2$) | ($mm^3$) | ($mm^2$) | ($mm^2$) | ($mm^2$) | (g/set) | ($nH/N^2$) 1kHz 0.5mA | (W)max. 100kHz 200mT | | |
| | | | | | | | | | 25°C | 80°C | 120°C |
| 0.78 | 64.0 | 82.1 | 5250 | 77.0 | 73.1 | 114 | 28 | 4000±25% | 2.45 | 2.1 | 2.45 |

* Coil：ø0.35 2UEW 100Ts

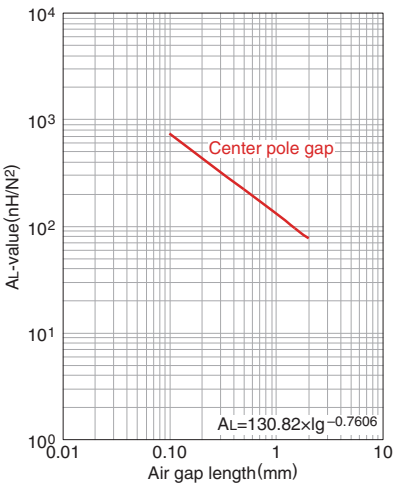
○ Calculated output power (forward converter mode): 223W (100kHz)

### NI limit vs. AL-value (Typ.)



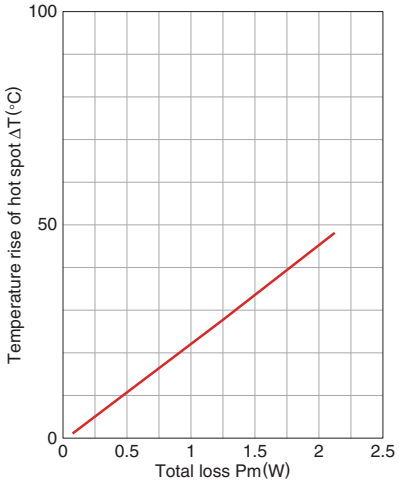

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

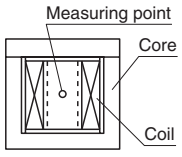



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

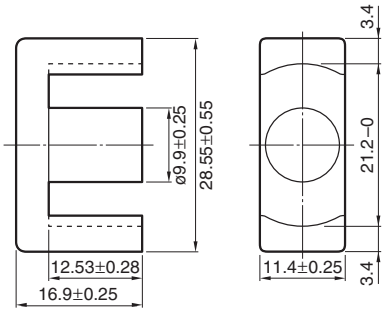



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC47EER28L-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

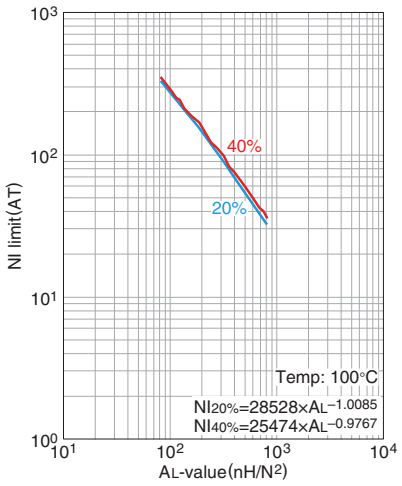
Based on JIS FEER 28.5B.

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 0.928 | 75.5 | 81.4 | 6150 | 77.0 | 73.1 | 148 | 33 | 2520±25% | 3660 min. | 2.03 |

* Coil：ø0.35 2UEW 100Ts

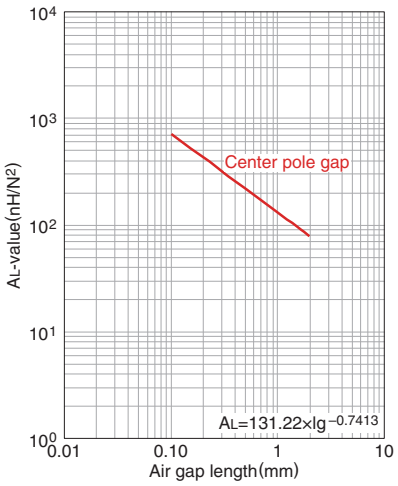
○ Calculated output power (forward converter mode): 267W (100kHz)

### NI limit vs. AL-value (Typ.)



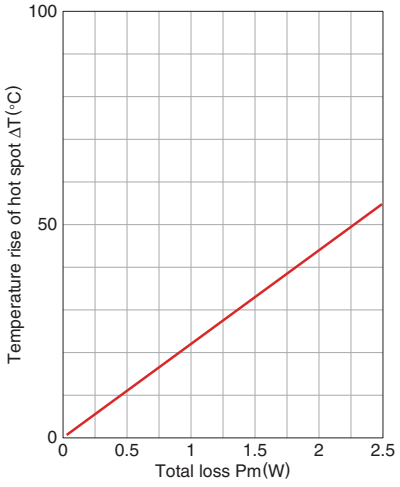

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

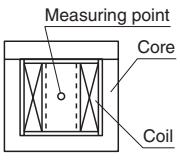



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

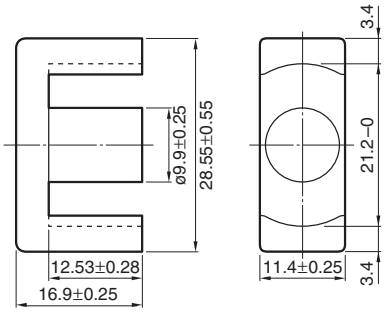



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC95EER28L-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

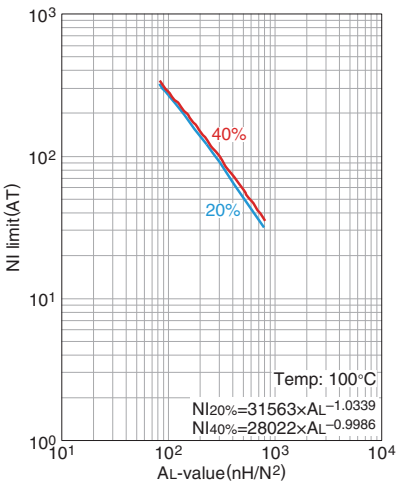
Based on JIS FEER 28.5B.

| Effective parameter | | | | | | | | Electrical characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | Core loss | | |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) 1kHz 0.5mA | (W)max. 100kHz 200mT | | |
| | | | | | | | | | 25°C | 80°C | 120°C |
| 0.928 | 75.5 | 81.4 | 6150 | 77.0 | 73.1 | 148 | 33 | 3500±25% | 2.9 | 2.45 | 2.9 |

* Coil：ø0.35 2UEW 100Ts

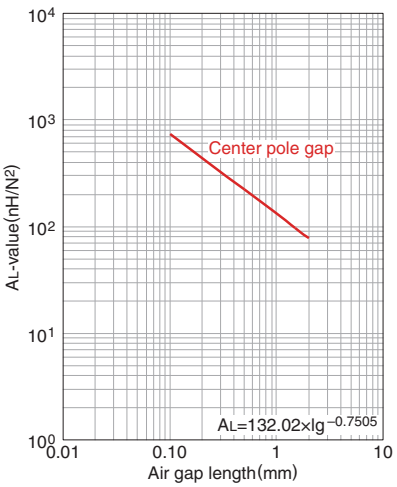
○ Calculated output power (forward converter mode): 250W (100kHz)

### NI limit vs. AL-value (Typ.)



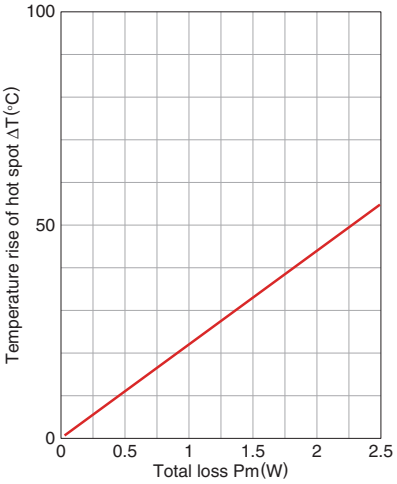

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

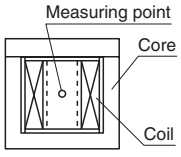



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

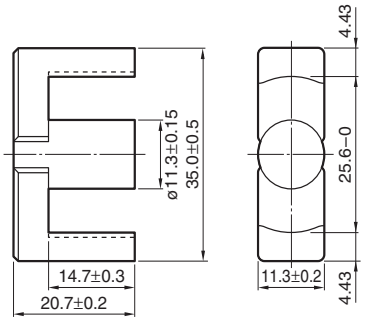



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC47EER35-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

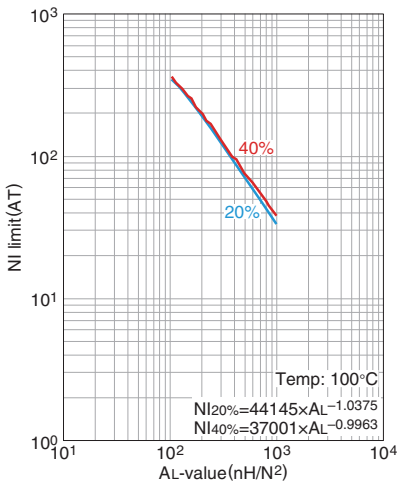
Based on JIS FEER 35A.

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 0.849 | 90.8 | 107 | 9720 | 100 | 97.6 | 218 | 52 | 2770±25% | 4000 min. | 3.18 |

* Coil：ø0.35 2UEW 100Ts

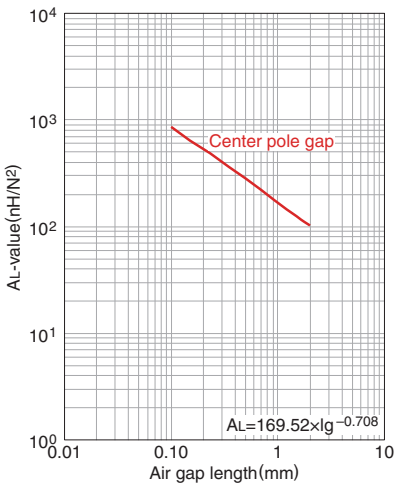
○ Calculated output power (forward converter mode): 376W (100kHz)

### NI limit vs. AL-value (Typ.)



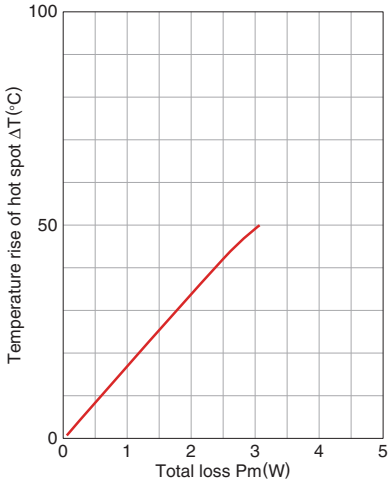

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

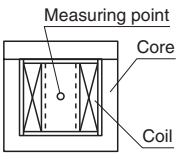



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

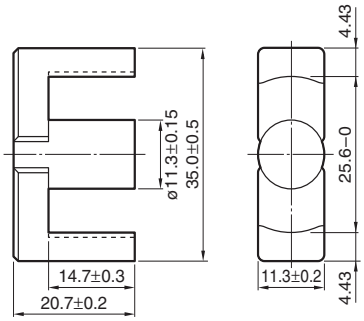



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC95EER35-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

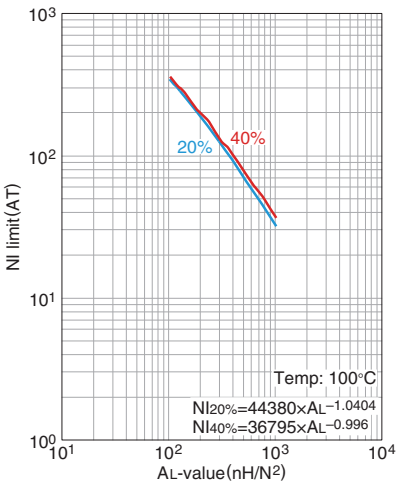
Based on JIS FEER 35A.

| Effective parameter | | | | | | | | Electrical characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Core factor $C_1$ ($mm^{-1}$) | Effective magnetic path length $\ell e$ (mm) | Effective cross-sectional area Ae ($mm^2$) | Effective core volume Ve ($mm^3$) | Cross-sectional center pole area Acp ($mm^2$) | Minimum cross-sectional center pole are Acp min. ($mm^2$) | Cross-sectional winding area of core Acw ($mm^2$) | Weigh (g/set) | $A_L$-value * ($nH/N^2$) 1kHz 0.5mA | Core loss (W)max. 100kHz 200mT | | |
| | | | | | | | | | 25°C | 80°C | 120°C |
| 0.849 | 90.8 | 107 | 9720 | 100 | 97.6 | 218 | 52 | 4000±25% | 4.55 | 3.8 | 4.55 |

* Coil：ø0.35 2UEW 100Ts

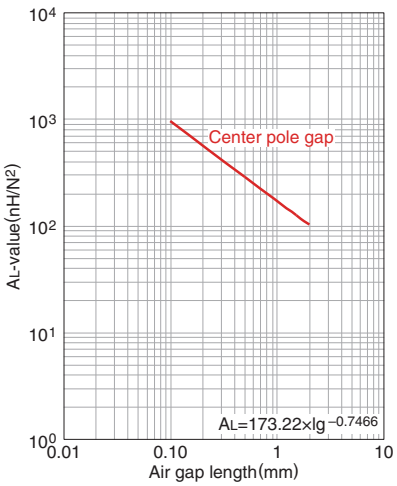
○ Calculated output power (forward converter mode): 336W (100kHz)

### NI limit vs. $A_L$-value (Typ.)



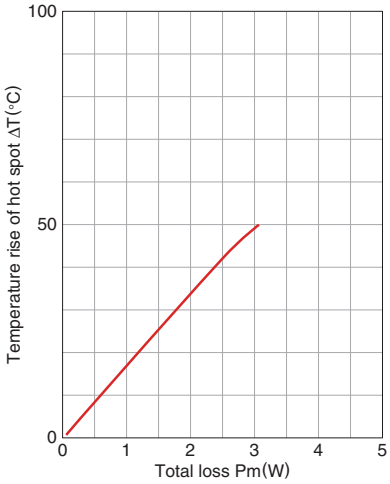

The 20% and 40% graph shows when a 20% and 40% drop from the initial $A_L$-value has been made due to the DC superimposition.

### $A_L$-value vs. Air gap length (Typ.)

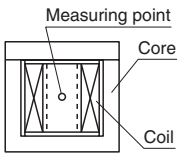



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

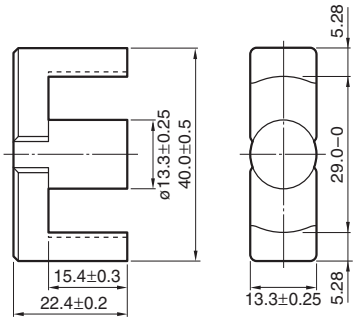



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC47EER40-Z**

## SHAPES AND DIMENSIONS



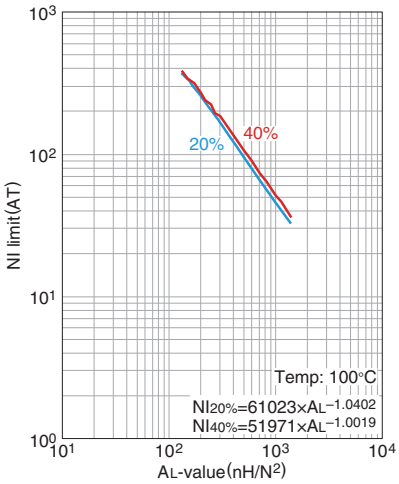

Dimensions in mm

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 0.658 | 98.0 | 149 | 14600 | 139 | 134 | 249 | 78 | 3620±25% | 5160 min. | 4.77 |

* Coil：ø0.35 2UEW 100Ts

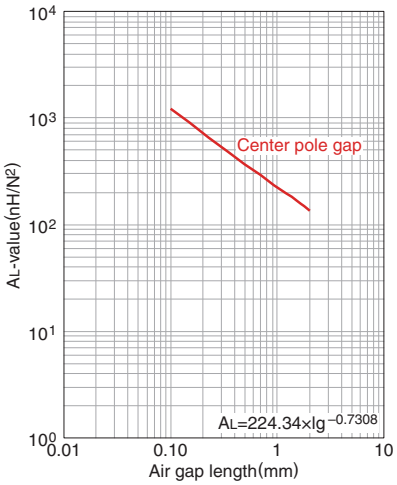
○ Calculated output power (forward converter mode): 484W (100kHz)

### NI limit vs. AL-value (Typ.)



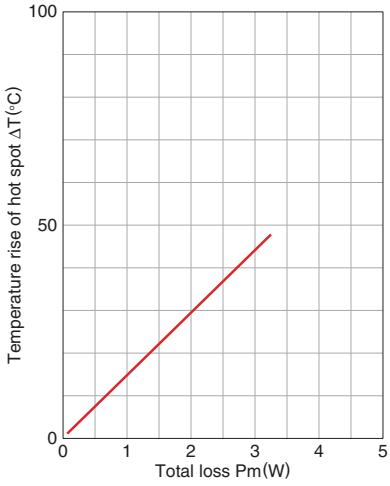

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

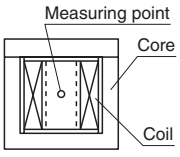



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

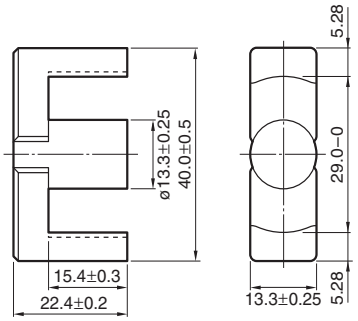



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC95EER40-Z**

## SHAPES AND DIMENSIONS



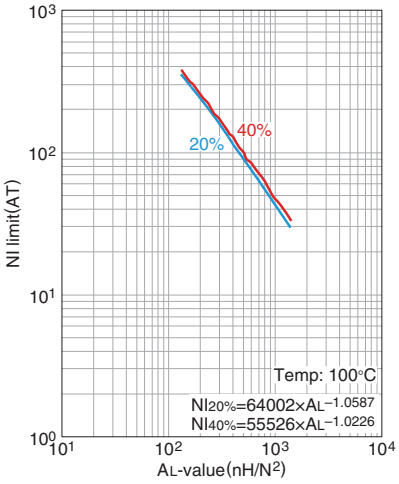

Dimensions in mm

| Effective parameter | | | | | | | | Electrical characteristics | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | Core loss | | |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) 1kHz 0.5mA | (W)max. 100kHz 200mT | | |
| | | | | | | | | | 25°C | 80°C | 120°C |
| 0.658 | 98.0 | 149 | 14600 | 139 | 134 | 249 | 78 | 5200±25% | 6.8 | 5.7 | 6.8 |

* Coil：ø0.35 2UEW 100Ts

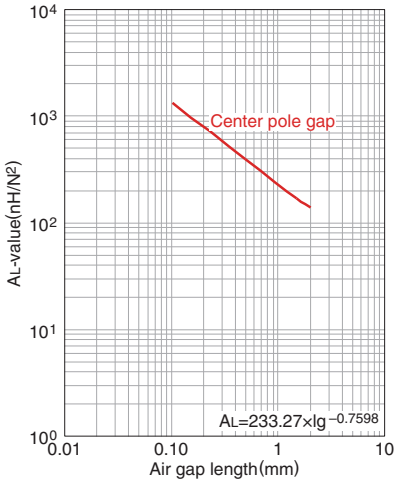
○ Calculated output power (forward converter mode): 446W (100kHz)

### NI limit vs. AL-value (Typ.)



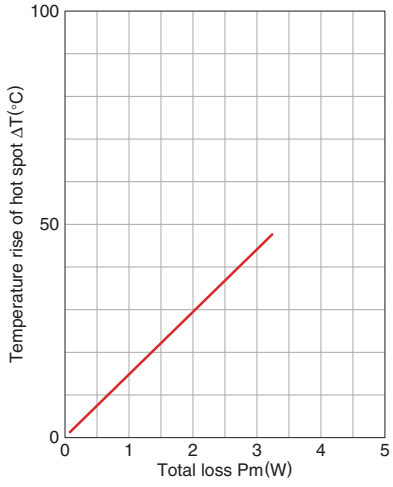

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

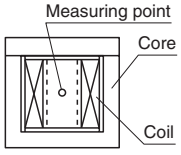



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

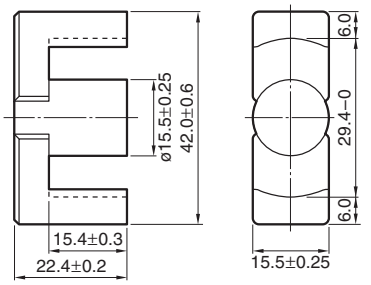



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC47EER42-Z**

## SHAPES AND DIMENSIONS




Dimensions in mm

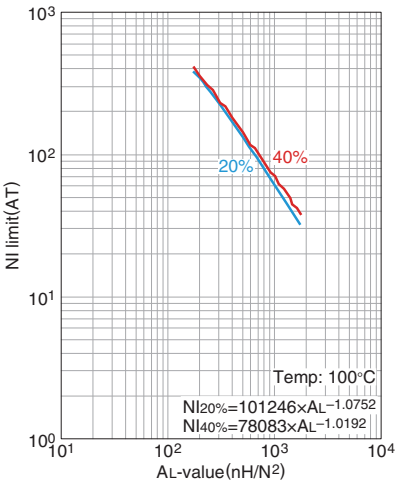
Based on JIS FEER 42.

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 0.509 | 98.8 | 194 | 19200 | 187 | 183 | 223 | 102 | 4690±25% | 6670 min. | 6.47 |

* Coil：ø0.35 2UEW 100Ts

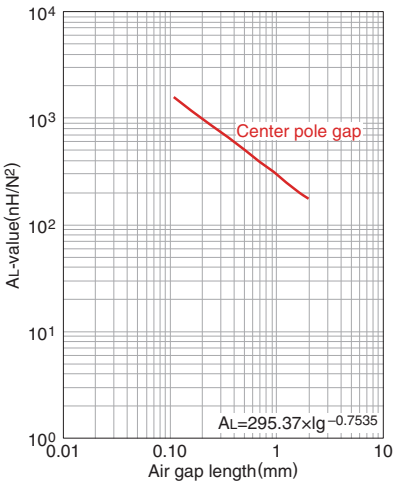
○ Calculated output power (forward converter mode): 540W (100kHz)

### NI limit vs. AL-value (Typ.)



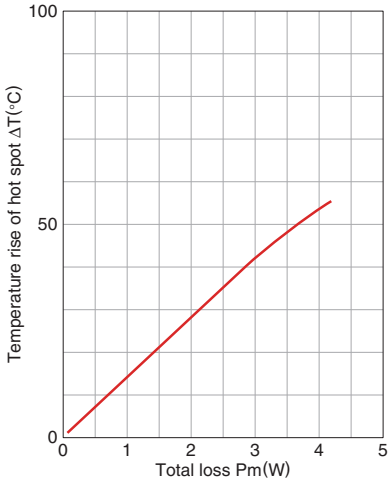

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)

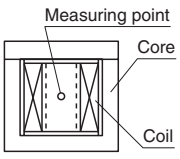



Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)

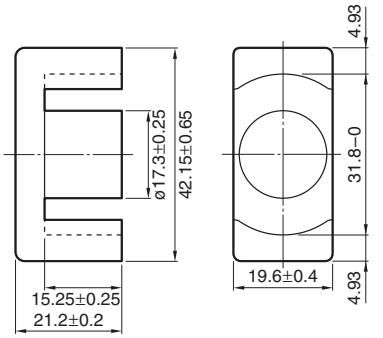



Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.



# Mn-Zn E series **Part No.: PC47EER42/42/20-Z**

## SHAPES AND DIMENSIONS



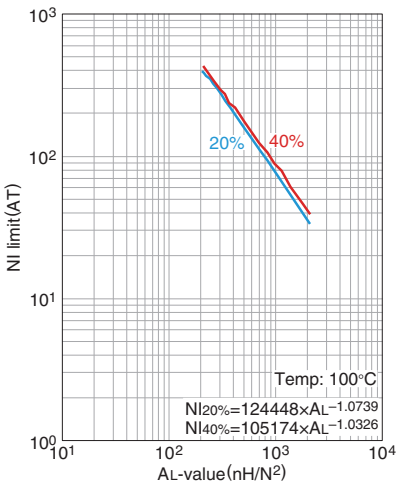

Dimensions in mm

| Effective parameter | | | | | | | | Electrical characteristics | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Core factor | Effective magnetic path length | Effective cross-sectional area | Effective core volume | Cross-sectional center pole area | Minimum cross-sectional center pole are | Cross-sectional winding area of core | Weigh | AL-value * | | Core loss |
| C1 | ℓe | Ae | Ve | Acp | Acp min. | Acw | | | | |
| (mm−1) | (mm) | (mm2) | (mm3) | (mm2) | (mm2) | (mm2) | (g/set) | (nH/N2) | | (W)max. |
| | | | | | | | | 1kHz 0.5mA | 100kHz 200mT | 100kHz 200mT 100°C |
| 0.411 | 98.6 | 240 | 23700 | 235 | 228 | 229 | 116 | 5340±25% | 8260 min. | 9.96 |

* Coil：ø0.35 2UEW 100Ts

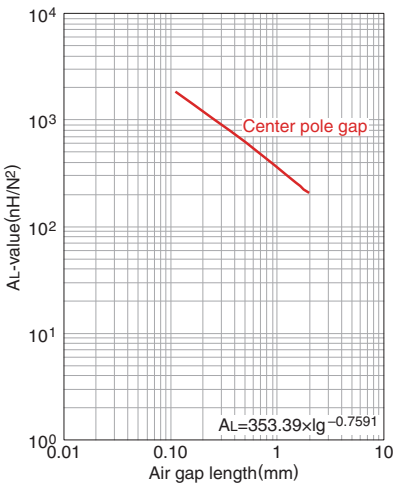
○ Calculated output power (forward converter mode): 647W (100kHz)

### NI limit vs. AL-value (Typ.)



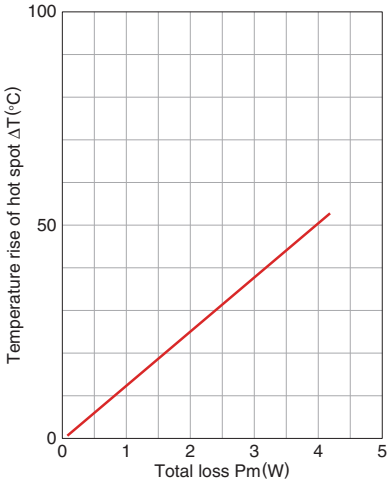

The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

### AL-value vs. Air gap length (Typ.)




Measuring conditions
- Coil：ø0.35 2UEW 100Ts
- Frequency：1kHz
- Current level：0.5mA
- Ambient temperature：25°C

### Temperature rise vs. Total loss (Typ.)




Measuring conditions
- Room space: approx. 400x300x 300cm
- Ambient temperature：25°C
- Humidity：45(%)RH.