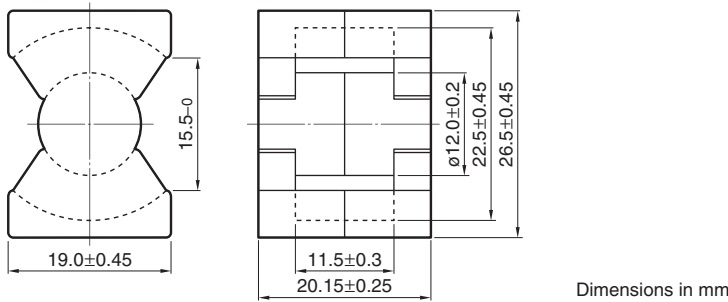


Mn-Zn PQ series Part No.: PC95PQ26/20Z-12

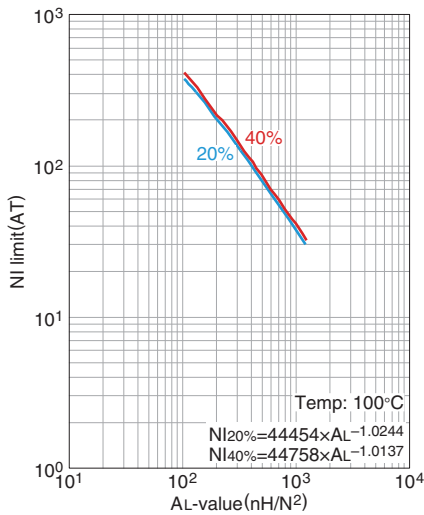
SHAPES AND DIMENSIONS



Effective parameter								Electrical characteristics			
Core factor	Effective magnetic path length l_e (mm)	Effective cross-sectional area A_e (mm ²)	Effective core volume V_e (mm ³)	Cross-sectional center pole area A_{cp} (mm ²)	Minimum cross-sectional center pole area $A_{cp \text{ min.}}$ (mm ²)	Cross-sectional winding area of core A_{cw} (mm ²)	Weight (g/set)	AL-value * (nH/N ²)	Core loss (W)max.		
C_1	(mm ⁻¹)	(mm)	(mm ³)	(mm ²)	(mm ²)	(mm ²)	(g/set)	(nH/N ²) 1kHz 0.5mA	25°C	80°C	120°C
0.391	46.3	119	5490	113	109	60.4	31	7470±25%	2.62	2.20	2.62

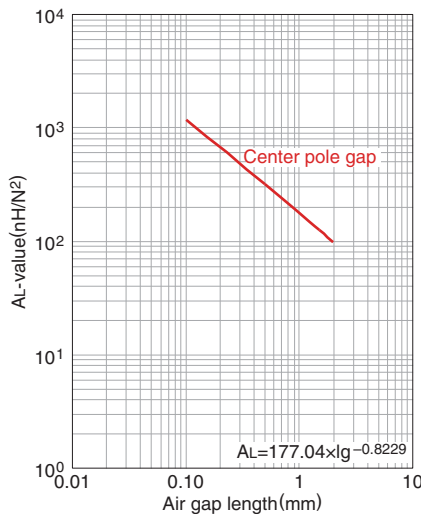
* Coil : $\phi 0.35$ 2UEW 100Ts
 ○ Calculated output power (forward converter mode): 160W

NI limit vs. AL-value (Typ.)



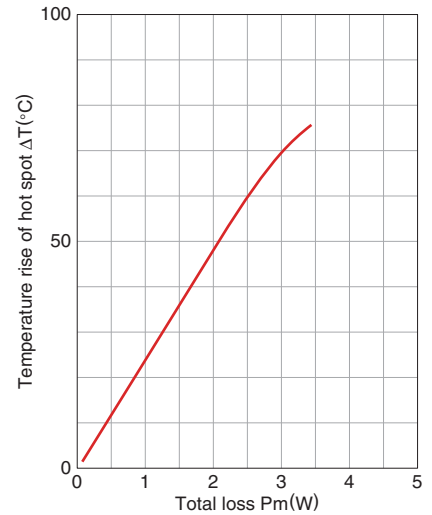
The 20% and 40% graph shows when a 20% and 40% drop from the initial AL-value has been made due to the DC superimposition.

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

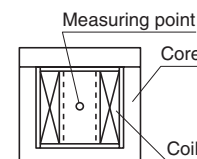


Measuring conditions
 • Coil : $\phi 0.35$ 2UEW 100Ts
 • Frequency : 1kHz
 • Current level : 0.5mA
 • Ambient temperature : 25°C

Temperature rise vs. Total loss (Typ.)



Measuring conditions
 • Room space: approx. 400x300x300cm
 • Ambient temperature : 25°C
 • Humidity: 45%RH.



• All specifications are subject to change without notice.