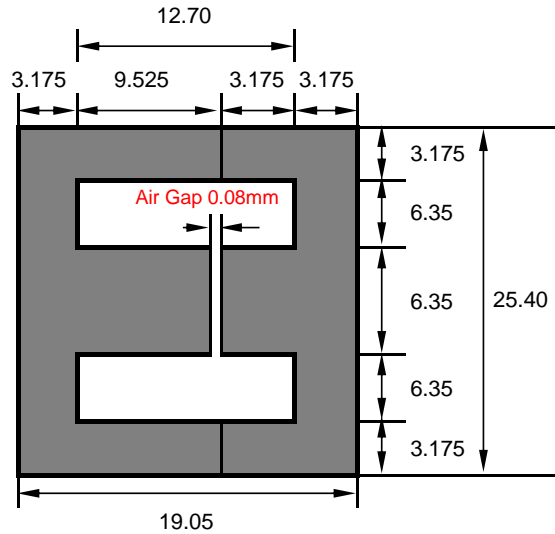




LAMINATION

EE-2425(Air Gap)



PROPERTIES OF SQUARE STACK

MAGNETIC DESIGN FORMULAR

$B_{max} = 931 \times 10^3 / K_1 N$ (Gauss per Volt at 60Hz)
(N= Number of turns)

$H_o = (0.247 \times 10^{-3}) N$ Oersted per milliampere of direct current in winding

$L = (0.0996 \times 10^{-8}) K_1 N^2 \mu$ ac Henries

MAGNETIC PATH DIMENSION

$l = 5.08 \text{ cm}$

$A = 0.403 \text{ cm}^2$

K_1 (STACKING FACTOR)

Thickness (mm)	Butt Jointed	Interleaved one per layer
0.1	0.90	0.80
0.2	0.90	0.85
0.35	0.95	0.90

MATERIAL GRADE	THICKNESS(mm)	WEIGHT AND NUMBERS	
		g/pcs	pcs/kg
PC (Ni80%Mo5%)	0.345t (L)	0.6174	1,620
	0.345t (S)	0.3704	2,700
PB (Ni45~48%)	0.345t (L)	0.5962	1,677
	0.345t (S)	0.3577	2,796