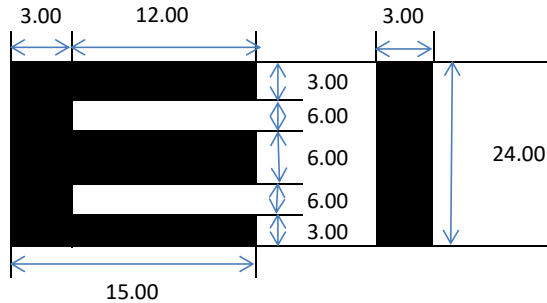




LAMINATION

EI-24



Tolerance : ± 0.08mm

(All dimensions in mm)

PROPERTIES OF SQUARE STACK

MAGNETIC DESIGN FORMULAR

$$B_{max} = 1,042 \times 10^3 / K_1 N \text{ (Gauss per Volt at 60Hz)}$$

(N= Number of turns)

$$H_o = (0.261 \times 10^{-3}) N \text{ Oersted per milliampere}$$

of direct current in winding

$$L = (0.0942 \times 10^{-4}) K_1 N^2 \mu \text{ ac Henries}$$

1090.91

MAGNETIC PATH DIMENSION

$$l = 4.80 \text{ cm}$$

$$A = 0.36 \text{ cm}^2$$

K₁ (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%)	0.195t	0.4914	2,035
	0.345t	0.8694	1,150
PB (Ni45~48%)	0.195t	0.4661	2,145
	0.345t	0.8247	1,213