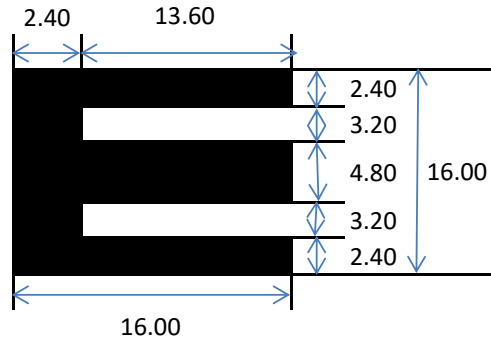




LAMINATION

EL-16(Loss)



Tolerance : $\pm 0.08\text{mm}$

(All dimensions in mm)

PROPERTIES OF SQUARE STACK

MAGNETIC DESIGN FORMULAR

$$B_{\max} = 1,632 \times 10^3 / K_1 N (\text{Gauss per Volt at 60Hz})$$

(N= Number of turns)

$$H_o = (0.327 \times 10^{-3}) N \text{ Oersted per milliampere}$$

of direct current in winding

$$L = (0.0752 \times 10^{-8}) K_1 N^2 \mu \text{ ac Henries}$$

MAGNETIC PATH DIMENSION

$$I = 3.84 \text{ cm}$$

$$A = 0.23 \text{ cm}^2$$

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%)	0.15t	0.22176	4,509
	0.195t	0.28898	3,460
	0.345t	0.5120	1,953