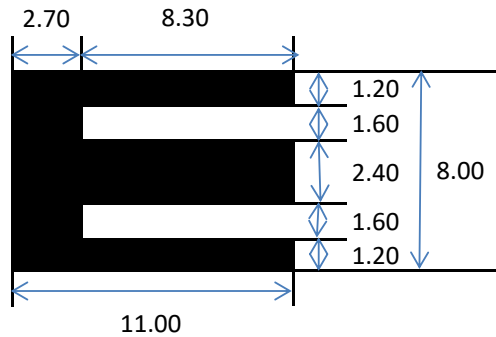




# LAMINATION

## ED-8(8x11)



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

(All dimensions in mm)

### PROPERTIES OF SQUARE STACK

#### MAGNETIC DESIGN FORMULAR

$$B_{\max} = 6,471 \times 10^{-3} / K_1 N (\text{Gauss per Volt at 60Hz})$$

(N= Number of turns)

$$H_o = (0.565 \times 10^{-3}) N \text{ Oersted per milliampere}$$

of direct current in winding

$$L = (0.0328 \times 10^{-8}) K^1 N \mu \text{ ac Henries}$$

#### MAGNETIC PATH DIMENSION

$$l = 2.22 \text{ cm}$$

$$A = 0.058 \text{ cm}^2$$

#### K<sub>1</sub> (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	0.081	12,346
	0.195t	0.1053	9,497