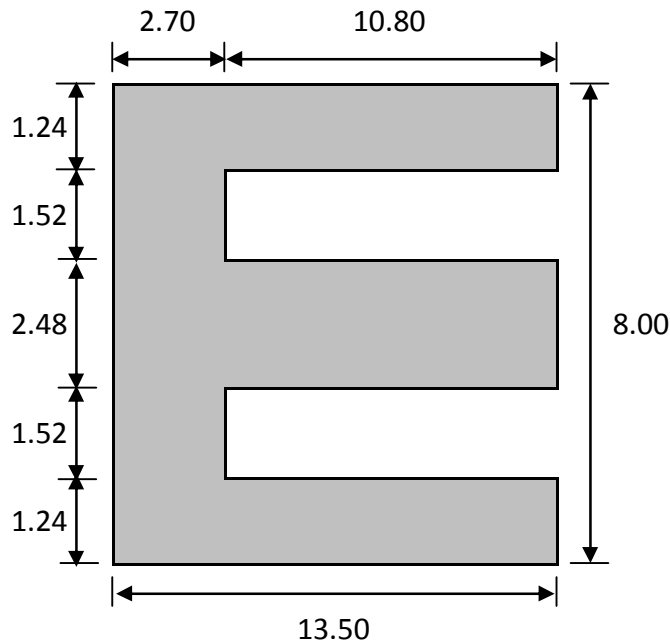




## ED-8 (8×13.5)



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

### PROPERTIES OF SQUARE STACK

#### MAGNETIC DESIGN FORMULAE

$$B_{\max} = \frac{7507 \times 10^3}{K_1 N} \text{ gauss per Volt at 60Hz}$$

(N is number of turns)

$$L = (0.0218 \times 10^{-8}) K_1 N^2 \mu \text{ ac Henries}$$

#### K<sub>1</sub> (STACKING FACTOR)

Thickness (mm)	Butt jointed	Interleaved one per layer
0.15	0.90	0.80
0.2	0.90	0.85
0.35	0.95	0.90

#### MAGNETIC PATH DIMENSION

$$l = 2.87 \text{ cm}$$

$$A = 0.05 \text{ cm}^2$$

$$H_0 = (0.437 \times 10^{-3}) \text{ N Oersted per milliampere of direct current in winding}$$

MATERIAL TYPE	THICKNESS (mm)	GRAMS/PIECE	PIECES/KG
PC (Ni 80%)	0.15		
	0.2		