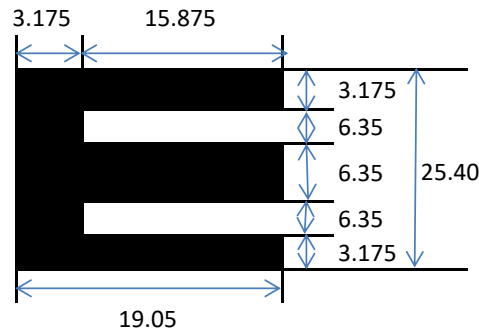




# LAMINATION

## EL-2425



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

(All dimensions in mm)

### 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%)	0.195t	0.4729	2,115
	0.345t	0.8359	1,196
PB (Ni45~48%)	0.195t	0.4566	2,190
	0.345t	0.8072	1,239