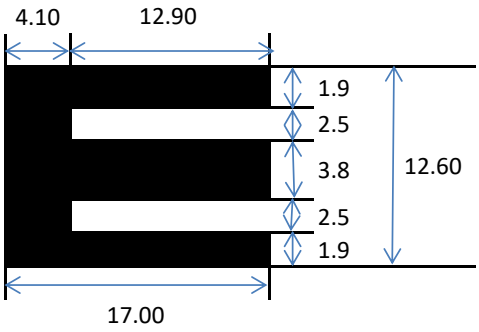
LAMINATION

ED-12.6



Tolerance : ± 0.08mm (All dimensions in mm)

PROPERTIES OF SQUARE STACK

MAGNETIC DESIGN FORMULAR

Bmax = 4939 x 10^3 / K_1N(Gauss per Volt at 60Hz)
(N= Number of turns)

H_o = (0.341 x 10^{-3}) N Oersted per milliampere of direct current in winding

L = (0.0259 x 10^{-8})K^1N μ ac Henries

MAGNETIC PATH DIMENSION

l = 3.68 cm
A = 0.076 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%)	0.15t	0.1964	5,092
	0.195t	0.2540	3,937
	0.345t	0.4519	2,213
PB (Ni45~48%)	0.195t	0.2408	4,153
	0.345t	0.4260	2,347