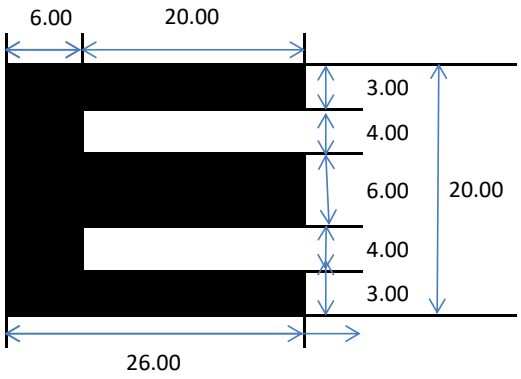
LAMINATION

ED-20



Tolerance : ± 0.08mm

(All dimensions in mm)

PROPERTIES OF SQUARE STACK

MAGNETIC DESIGN FORMULAR

Bmax = 1,042 x 10^3 / K_1N(Gauss per Volt at 60Hz)
(N= Number of turns)

H_o = (0.259 x 10^{-3}) N Oersted per milliampere of direct current in winding

L = (0.0934 x 10^{-8})K_1N^2 μ ac Henries

MAGNETIC PATH DIMENSION

l = 4.84 cm

A = 0.360 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%)	0.195	0.812	1,232
	0.345	1.1025	907
PB (Ni45~48%)	0.195	0.7841	1,275
	0.345	1.0647	939