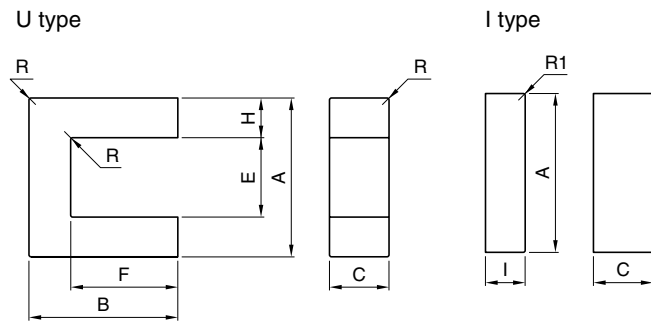


UI Series

UI CORE

CORE SHAPES AND DIMENSIONS/CHARACTERISTICS



PRODUCT IDENTIFICATION

PE22 UI 80 × 95 × 30 N
 (1) (2) (3) (4) (5)

- (1) Material name
- (2) Shape
- (3) Dimension A
- (4) Dimension B+I
- (5) Dimension C

Part No.	AL*(nH/N ²) ±25%	Dimensions (mm)								
		A	B+I	C	E	F	H	I	R	
PE22 UI80×95×30N	5010									
PC40 UI80×95×30N	6280	80.0±1.5	95.0±1.0	30.0±0.5	39.0min.	55.0±0.5	20.0±0.5	20.0±0.5	1.0max.	
PE90 UI80×95×30N	6007									
PE22 UI100×105×30N	7220									
PC40 UI100×105×30N	9065	100.0±1.5	105.0±1.0	30.0±0.5	39.0min.	45.0±0.5	30.0±0.5	30.0±0.5	1.0max.	
PE90 UI100×105×30N	8671									

* Measuring condition: T=23°C, f=1kHz, H_m=0.4A/m

Part No.	Core factor					Weight (g)
	C ₁ (mm ⁻¹)	C ₂ ×10 ⁻² (mm ⁻³)	A _e (mm ²)	ℓ _e (mm)	V _e (mm ³)	
PE22 UI80×95×30N						778
PC40 UI80×95×30N	0.42139	0.07023	600	253	151700	778
PE90 UI80×95×30N						794
PE22 UI100×105×30N						1253
PC40 UI100×105×30N	0.29361	0.03262	900	264	237820	1253
PE90 UI100×105×30N						1279