

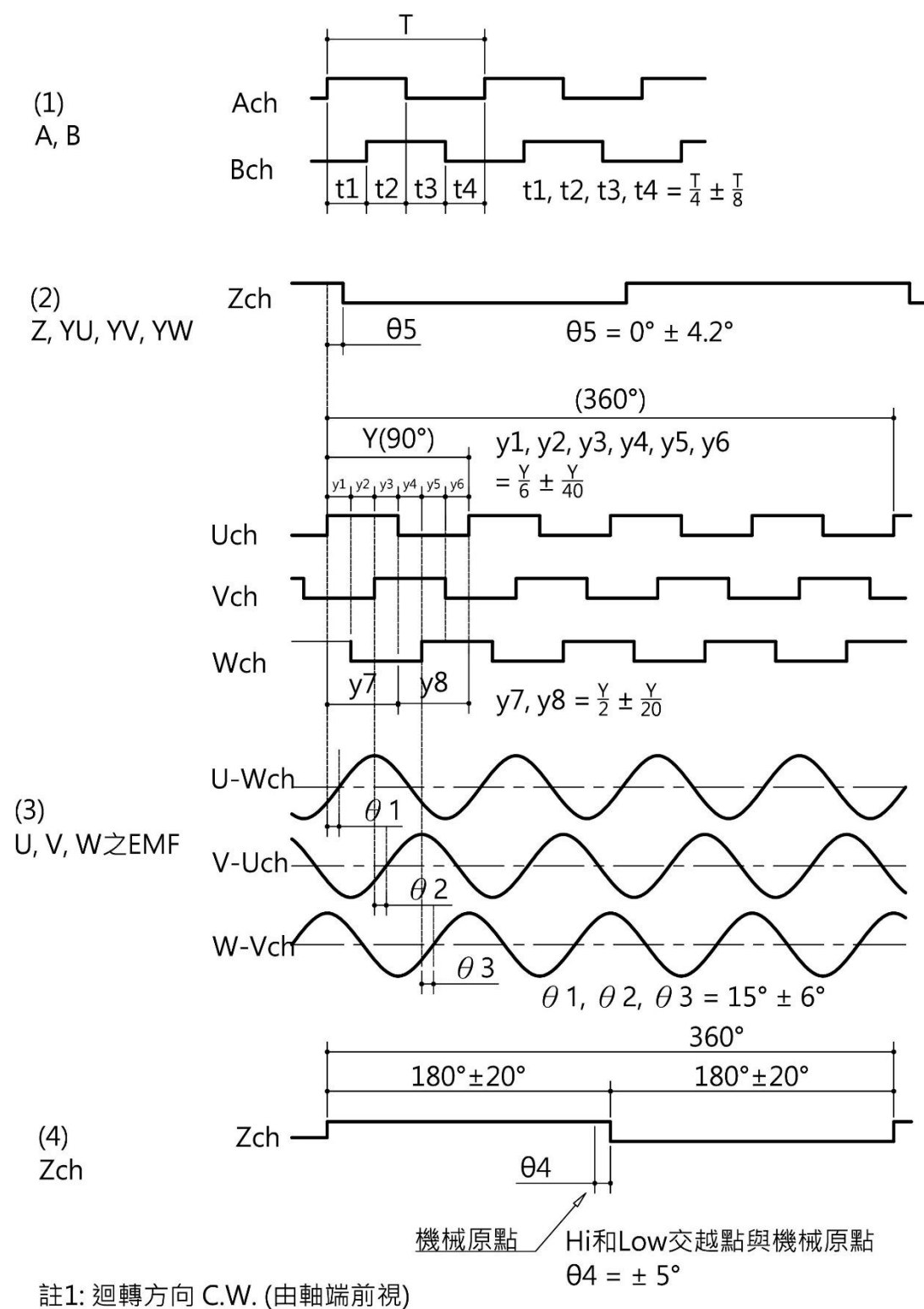
LH085827I360W8



ENCODER Specification

	ITEM	SPEC.
Output signal	Model	LH085827I360W8
	Detector System	Incremental
	Output Phase	A, B, Z, U, V, W 6 channel / A, B 2 channel
	Output Form	Square wave
	Output pulse number	A&B channel 360 counts per round (T)
	Output phase difference 輸出相位差	A&B channel is $T/4 \pm T/8$ Z channel is $\text{High } 180^\circ \pm 20^\circ$, $\text{Low } 180^\circ \pm 20^\circ$ (一圈) U, V, W in 8 phase motor Y cycle is 90° , each Y including y1 to y6, each y is $15^\circ \pm 3^\circ$
Electric	Supply power	DC+5V $\pm 5\%$
	Current consumption	50mA (max)(No Load)
	Response frequency	150KHz
	Rise/Fall edge time	1us (max)
	Output current capacity & voltage level	10mA (output) High: 3V(min) Low: 0.5V(max)
Machinery	Maximum allowable revolution	6000 RPM / 3000 RPM
	Connector	9 pin (2.0mm pitch) / 4 pin
	Inner Hole	$\varnothing 8 / 10 / 12 / 13$ (mm)
Environment	Working ambient temperature	$0^\circ\text{C} \sim +85^\circ\text{C}$
	Storing temperature	$-10^\circ\text{C} \sim +85^\circ\text{C}$
Note : 1. Cable Length must less then 200cm. 2. 編碼器電路板端的插座型號為: TKP P15J1L-09 2.0mm (or 昌虹 PR2015-9P) 3. 線材端對接的接頭型號為: TKP H15J1-09		

Output signal



External Dimensions

