



14U01-TK008L60

An assembled ultrasonic sensor is a specially assembled unit for parking assistant system consists of pure sensor, rubber ring, plastic shell and cable. It is a key component of reversing radar and can be connected with the signal processing module directly.

Center frequency	$40 \pm 1.0 \text{ KHz}$	
Echo sensitivity	$\geq 300 \text{ mV}$	
Decay time	$\leq 1.2 \text{ ms}$	
Directivity	$115 \pm 10^\circ$	X-axis
	$60 \pm 10^\circ$	Y-axis
Capacitance	$2000 \pm 15\% \text{ pF}$	
Input voltage	$\leq 140 \text{ Vp-p}$	40KHz, pulse width 0.5ms, interval 20ms
Mean time to failure	50000h	
Operating temperature	$-40 \sim +80^\circ \text{ C}$	
Storage temperature	$-40 \sim +85^\circ \text{ C}$	

