

15C73-TK012L3 product: Assembled ultrasonic sensor



Detailed Product Description

15C73-TK012L3

product:Assembled ultrasonic sensor

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.

Technology Datasheet Download

Dimensions

Specification

Center frequency	$40\pm 1.0\text{KHz}$	
Echo sensitivity	$\geq 300\text{mV}$	
Decay time	$\leq 1.2\text{ms}$	
Directivity	$120\pm 10^\circ$	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	$-40\sim +85^\circ\text{C}$	

