



# Data Sheet - CLCC

# MEMS barometer

## DESCRIPTION

Lingsen' CLCC is a ceramic substrate based, metal cap with encapsulated coating package. It is available in pin count is 8 or can be customized to individual customer needs.

It is high performance by using ceramic substrate which combine two dies in package.

## APPLICATIONS

- MEMS barometer

## SPECIFICATIONS

Substrate: Ceramic

Die Attach: Silicon paste.

Gold Wire: Au.

Die coating: Silicon paste

Packing: Tray

## RELIABILITY

MSL	60°C/60%RH 168h + IR*3times
Thermal shock	-40degC<->85degC(each 30minutes), 200cycle
High temperature storage	95degC,1000hrs
Low temperature storage	-40degC,1000hrs
Damp heat storage	85degC,85%RH,1000hrs

## FEATURES

- Pin count range is 8.
- Lead pitch of 1.2 mm.

## PACKAGE AVAILABILITY

Package Size (mm)	Lead Pitch (mm)	Lead Count
3.9x3.9	1.2	8

## THERMAL PERFORMANCE

Package	Body size (mm)	Pad size (mm)	Die size (mm)
8	3.9X3.9	0.6x0.6	1.909x1.211/1.9x0.705

## ELECTRICAL PERFORMANCE

Package	Body size (mm)	Pad size (mm)
8L	3.9x3.9	0.6x0.6