



# Product Change Notification

---

## ● Purpose

We would like to notify customers of a change in materials affecting 3 Sharp distance measuring sensor models. Sharp will be applying this running change from October, 2019. There is no change to the device specifications or reliability. The model numbers will remain unchanged.

- Change in supplier of capacitor for 3 models of distance measuring sensors:
  - GP2Y0A710K0F
  - GP2Y0AF15Q
  - GP2Y0AF15Y

## ● Effective Time of Change

These are running changes that will be applied starting in October, 2019.

## ● Details

Please refer to the pages that follow for the details of the material changes.

If you have any questions concerning this notification, please contact your Socle representatives at: [Socle\\_Sales\\_NA@socle-tech.com](mailto:Socle_Sales_NA@socle-tech.com)

# SHARP Product Change Notification

SHARP Corporation  
Electronic Components  
and Devices Account Div.

Thank you very much for adopting our products.

We inform you of the product change notification as per follows;



Subject	Capacitor vendor Change Announcement of Distance measuring sensor
---------	---

Category	Distance measuring sensor (3 models)
----------	--------------------------------------

Applicable From	Running change since October 2019 onward (Timing might be updated by market demands)
-----------------	---

Please be informed that the vendor materials (Capacitors) mounted in some of distance measuring sensor will be changed.  
Because SHARP has been notified by current vendor that the capacitor will be EOL.  
So we would like to change the capacitor vendor.  
We apologize for your inconvenience.

1. Model

	Model
1	GP2Y0A710K0F
2	GP2Y0AF15Q
3	GP2Y0AF15Y

2. Content Of Change

To change the vendor of ceramic capacitor (MLCC), which is a material.

	Vendor name	Capacitance	Size	Remarks
Before change	MURATA	1 $\mu$ F	1 6 0 8	
After change	T D K	1 $\mu$ F	1 6 0 8	Mounted in GP2Y0AF30 series

Please refer to the attachment sheet (Comparison sheet) for details.

3. Reason of change

Due to EOL of capacitor by current vendor.

The specification and product reliability will be not changed by this PCN.

2019, Apr. 16th

SHARP Corporation

Electronic Components

and Devices Account Div.

シャープ測距センサ 搭載コンデンサ比較表

Comparison of the capacitor for Distance Measuring Sensor

	変更品 Material Changed Products	現行品 Current Products	
対象機種 Applicable models	GP2Y0A710K0F GP2Y0AF15Q GP2Y0AF15Y	GP2Y0AF15Q GP2Y0AF15Y	GP2Y0A710K0F
メーカー名 Supplier name	TDK	村田製作所 Murata	
メーカー型番 Supplier model name	C1608JB1E105K	GRM188B31E105KA75	GRM188B31C105KA92D
寸法 Size	1.6 x 0.8 x t 0.8 mm		
静電容量 Capacitance	1uF		
定格電圧 Rating Voltage	DC 25V		DC 16V
温度特性 Temperature characteristic	B特性 ±10%(-25~+85°C) B Characteristic		
容量許容差 Tolerance	±10%		