



P C N

To	All customers
From	Samsung Electro-Mechanics CO.,LTD. LCR Division Quality Innovation Group
Subject	Change of the materials of inner-electrode & termination for C0G type Multi Layer Ceramic Capacitor (MLCC) [Pd inner-electrode / Ag termination → Ni inner-electrode / Cu termination]
Date	June 11, 2014

Dear customers,

We plan to supply C0G type Multi Layer Ceramic Capacitor having inner-electrodes and terminations made by changed materials as below explained.

----- Details -----

PCN No.	QC BC-08	PCN Rate	A																			
Products	C0G type MLCC - 10pF~100pF capacitance range for 0201(0603) size [Size : inch(mm) code]																					
Purpose	To solve the failing in meeting delivery date on time, due to unstable procurement of raw materials_ Palladium (Pd) for electrode																					
Planned delivery schedule for change applied products	1) To supply both current products and PCN applied products : August 1, 2014 ~ December 31, 2014 2) To supply only PCN applied products : From January 1, 2015 ※ If there is requirement from customers for schedule change : Schedule can be adjusted by discussion with customer																					
Detailed information for change	Before Change	After Change																				
	<ul style="list-style-type: none"> ■ Material of inner-electrode and termination of 0201(0603) size C0G type MLCC - 10pF~100pF : Pd inner-electrode / Ag termination (Identification : Part no 8th digit → A) - Examples for identification <div style="text-align: center; margin-top: 10px;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-bottom: 1px solid black; padding: 0 5px;">CL</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">03</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">C</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">101</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">J</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">B</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">3</td> <td style="border-bottom: 1px solid black; padding: 0 5px; border: 1px solid red;">A</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">N</td> <td style="border-bottom: 1px solid black; padding: 0 5px;">N</td> </tr> <tr> <td style="padding: 0 5px;">1</td> <td style="padding: 0 5px;">2</td> <td style="padding: 0 5px;">3</td> <td style="padding: 0 5px;">4</td> <td style="padding: 0 5px;">5</td> <td style="padding: 0 5px;">6</td> <td style="padding: 0 5px;">7</td> <td style="padding: 0 5px; border: 1px solid red;">8</td> <td style="padding: 0 5px;">9</td> <td style="padding: 0 5px;">10</td> </tr> </table> </div>	CL	03	C	101	J	B	3	A	N	N	1	2	3	4	5	6	7	8	9	10	<ul style="list-style-type: none"> ■ Material of inner-electrode and termination of 0201(0603) size C0G type MLCC - 10pF~100pF : Ni inner-electrode / Cu termination (Identification : Part no 8th digit → N)
CL	03	C	101	J	B	3	A	N	N													
1	2	3	4	5	6	7	8	9	10													

Reply from customers	<ul style="list-style-type: none"> ▪ Please, reply us the information mentioned below. - Planned delivery schedule for change applied products - Accept SAMSUNG plan : Yes (), No () - If not accept SAMSUNG plan, Customer's required schedule (to supply from MM, DD) - Required Sample for test : Yes () + Quantity (pcs) <li style="padding-left: 100px;">No () ▪ If you have any question or requirement regarding this PCN, please feel free to contact us. Sales : Person in charge of each account Quality : Seung-Jin Hong (Senior Engineer, SEMCO LCR Quality Innovation Group) <li style="padding-left: 40px;">[seungjin.hong@samsung.com] ▪ In case that there is no reply from you regarding this PCN within 1 month, it would be considered that you agree this change and we will supply the products according to SAMSUNG plan. Customer / Company : _____ Team : _____ Name / Position : _____ / _____ (signature) _____
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Samsung Electro-Mechanics LCR Division
Quality Innovation Group General Manager

李晶洙

Jung-Soo Lee