

SUBJECT: MultiLayer Ceramic Chip capacitor

1) Product discontinuations 2) ECU to ECJ part number changes

BULLETIN #: PG33.032700

Date: March 27, 2000

Effective Dates: April 1, 2000

Discontinuations

October 1, 2000

Part Number nomenclature changes: ECU to ECJ

LAST TIME BUY: We will support existing Panasonic customers of these devices to June 30, 2000. New opportunities will not be accepted.

LAST TIME SHIPMENT: To be determined.

SUGGESTED REPLACEMENT: No suggested replacement for the discontinued items. ECU to ECJ nomenclature changes are listed below.

1) Product discontinuations

Low capacitance MLCC's

(PART NUMBERS APPEAR ON THE FOLLOWING PAGES)

Size	Temperature Characteristics	Rated Voltage(V)	Capacitance Range	Ending timing
1206	CH	50	0.5pF to 2400pF	end March 2000
	SL	50	0.5pF to 3000pF	
	B/X7R	50	220pF to 0.1uF	
		25	33000pF to 82000pF	
	F/Y5V	50	1000pF to 0.22uF	
		25	0.1uF to 0.33uF	
0805	B/X7R	50	220pF to 820pF	
		25	18000pF to 33000pF	
	F/Y5V	50	1000pF to 6800pF	
0603	B/X7R	50	220pF to 820pF	
	F/Y5V	50	1000pF to 6800pF	

Capacitors with special temperature characteristics

Demand for the P, R, S, T, and UJ is decreasing as the CH grows in popularity.

Size	Temperature characteristic	Ending timing
All	P / R / S / T / UJ	end March 2000

2) Part Number nomenclature changes: ECU to ECJ

This is a change in part number nomenclature regardless of internal electrode material.

Whether Ni or Pd internal electrode, P/N's will be designated as ECJ- effective on 10/1/2000 shipment. This is just a change in P/N's. There are no further material changes at this time. The part numbers will follow the normal ECJ format shown in our catalogs and in the attached file. Also in the attached is a table containing the cross references ECU to ECJ. The changes in part numbers are detailed in the P/N build. The format of the replacement parts follows the normal ECJ part number structure, i.e. it is not merely a prefix change.

Information of Part No. Nomenclature Change for “ECU series” Multilayer Ceramic Chip Capacitors

We express our hearty gratitude for your warm patronage to our company.

We would like to inform regarding the Part No. nomenclature change for our products as follows.

1. Purpose of Part No. Change

We have used “ECU” as product code for Multilayer Ceramic Chip Capacitors so far. However, as the policy of Matsushita Electronic Components Co., Ltd., we have decided to have a uniform third character code of “J”, meaning the surface mount ceramic capacitor component parts manufactured in Matsushita Electronic Components Co., Ltd.

We of Hokkaido Matsushita Electric Co., Ltd. have used “ECJ” part numbers from new products according to the product policy of Matsushita Electronic Components Co., Ltd. and we will supply all products with product code “ECJ” instead of “ECU”.

2. Product performance

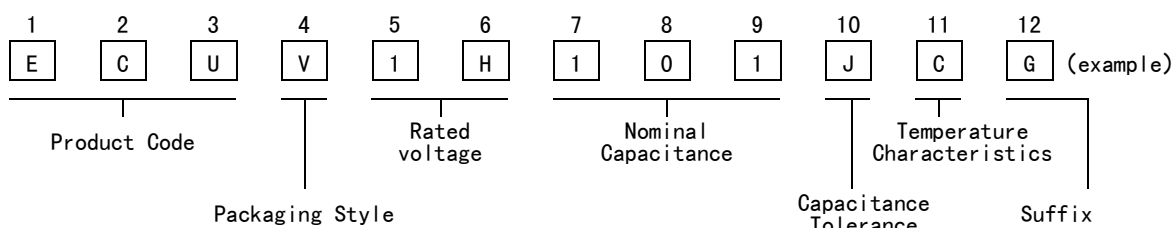
Only product part numbers naming change, and there is no change of product itself.

3. Naming change of Part No.

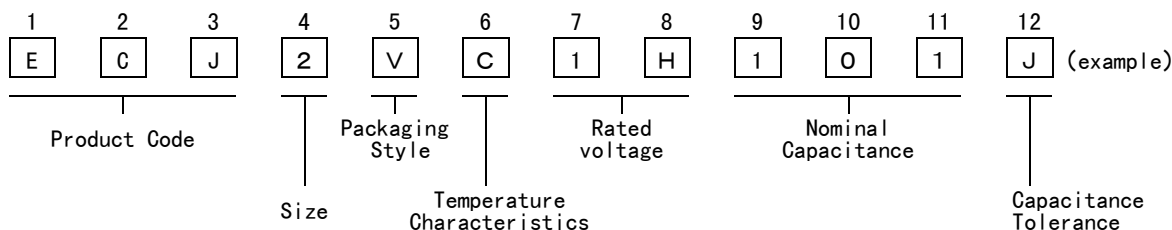
All “ECU series”

4. Changing method

[Current Part No.]



[New Part No.]



Multilayer Ceramic Chip Capacitors will be standardized to “ECJ series” by this method.

5. Change timing

From October, 2000 effective.

However, it is a changing period from April to October in 2000.

6. New Inquiries

For a new design and new adoption, would you please order with “ECJ series”.

This change has been made by our company’s convenience, however, we would appreciate it if you would understand it upon your conjecture of our situation.

Y. Takada

General Manager

MLC Dept.

Hokkaido Matsushita Electric Co., Ltd.

Multilayer Ceramic Chip Capacitors Part Numbers Comparison List

Temp Char. - C/N/P/D																Temp Char. SL																																															
*1010402type								*1110603type								*1210805type								*1311206type								*1010402type								*1110603type								*1210805type								*1311206type							
Rated	SVI D.C.							Rated	SVI D.C.							Rated	SVI D.C.							Rated	SVI D.C.							Rated	SVI D.C.							Rated	SVI D.C.							Rated	SVI D.C.							Rated	SVI D.C.						
(g/f)	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1	End Pin	Dim.1	New P/N	Dim.1															
0.5	ECUE1H0RSCD	0.50	ECJ0EC1H0RSC	0.50	ECU1V1H0RSCD	0.50	ECJ1VC1H0RSC	0.50	ECU1H0RSCN	0.50	ECJ2VC1H0RSC	0.50	0.5	ECUE1H0RSCD	0.50	ECJ0EC1H0RSC	0.50	ECU1V1H0RSCD	0.50	ECJ1VC1H0RSC	0.50	ECU1H0RSCN	0.50	ECJ2VC1H0RSC	0.50	0.5	ECUE1H0RSCD	0.50	ECJ0EC1H0RSC	0.50	ECU1V1H0RSCD	0.50	ECJ1VC1H0RSC	0.50	ECU1H0RSCN	0.50	ECJ2VC1H0RSC	0.50	0.5	ECUE1H0RSCD	0.50	ECJ0EC1H0RSC	0.50	ECU1V1H0RSCD	0.50	ECJ1VC1H0RSC	0.50	ECU1H0RSCN	0.50	ECJ2VC1H0RSC	0.50												
1.5	ECUE1H1RSCD	0.50	ECJ0EC1H1RSC	0.50	ECU1V1H1RSCD	0.50	ECJ1VC1H1RSC	0.50	ECU1H1RSCN	0.50	ECJ2VC1H1RSC	0.50	1.5	ECUE1H1RSCD	0.50	ECJ0EC1H1RSC	0.50	ECU1V1H1RSCD	0.50	ECJ1VC1H1RSC	0.50	ECU1H1RSCN	0.50	ECJ2VC1H1RSC	0.50	1.5	ECUE1H1RSCD	0.50	ECJ0EC1H1RSC	0.50	ECU1V1H1RSCD	0.50	ECJ1VC1H1RSC	0.50	ECU1H1RSCN	0.50	ECJ2VC1H1RSC	0.50	1.5	ECUE1H1RSCD	0.50	ECJ0EC1H1RSC	0.50	ECU1V1H1RSCD	0.50	ECJ1VC1H1RSC	0.50	ECU1H1RSCN	0.50	ECJ2VC1H1RSC	0.50												
2	ECUE1H202Q	0.50	ECJ0EC1H202Q	0.50	ECU1V1H202Q	0.50	ECJ1VC1H202Q	0.50	ECU1H202Q	0.50	ECJ2VC1H202Q	0.50	2	ECUE1H202Q	0.50	ECJ0EC1H202Q	0.50	ECU1V1H202Q	0.50	ECJ1VC1H202Q	0.50	ECU1H202Q	0.50	ECJ2VC1H202Q	0.50	2	ECUE1H202Q	0.50	ECJ0EC1H202Q	0.50	ECU1V1H202Q	0.50	ECJ1VC1H202Q	0.50	ECU1H202Q	0.50	ECJ2VC1H202Q	0.50	2	ECUE1H202Q	0.50	ECJ0EC1H202Q	0.50	ECU1V1H202Q	0.50	ECJ1VC1H202Q	0.50	ECU1H202Q	0.50	ECJ2VC1H202Q	0.50												
3	ECUE1H302Q	0.50	ECJ0EC1H302Q	0.50	ECU1V1H302Q	0.50	ECJ1VC1H302Q	0.50	ECU1H302Q	0.50	ECJ2VC1H302Q	0.50	3	ECUE1H302Q	0.50	ECJ0EC1H302Q	0.50	ECU1V1H302Q	0.50	ECJ1VC1H302Q	0.50	ECU1H302Q	0.50	ECJ2VC1H302Q	0.50	3	ECUE1H302Q	0.50	ECJ0EC1H302Q	0.50	ECU1V1H302Q	0.50	ECJ1VC1H302Q	0.50	ECU1H302Q	0.50	ECJ2VC1H302Q	0.50	3	ECUE1H302Q	0.50	ECJ0EC1H302Q	0.50	ECU1V1H302Q	0.50	ECJ1VC1H302Q	0.50	ECU1H302Q	0.50	ECJ2VC1H302Q	0.50												
4	ECUE1H404Q	0.50	ECJ0EC1H404Q	0.50	ECU1V1H404Q	0.50	ECJ1VC1H404Q	0.50	ECU1H404Q	0.50	ECJ2VC1H404Q	0.50	4	ECUE1H404Q	0.50	ECJ0EC1H404Q	0.50	ECU1V1H404Q	0.50	ECJ1VC1H404Q	0.50	ECU1H404Q	0.50	ECJ2VC1H404Q	0.50	4	ECUE1H404Q	0.50	ECJ0EC1H404Q	0.50	ECU1V1H404Q	0.50	ECJ1VC1H404Q	0.50	ECU1H404Q	0.50	ECJ2VC1H404Q	0.50	4	ECUE1H404Q	0.50	ECJ0EC1H404Q	0.50	ECU1V1H404Q	0.50	ECJ1VC1H404Q	0.50	ECU1H404Q	0.50	ECJ2VC1H404Q	0.50												
5	ECUE1H505Q	0.50	ECJ0EC1H505Q	0.50	ECU1V1H505Q	0.50	ECJ1VC1H505Q	0.50	ECU1H505Q	0.50	ECJ2VC1H505Q	0.50	5	ECUE1H505Q	0.50	ECJ0EC1H505Q	0.50	ECU1V1H505Q	0.50	ECJ1VC1H505Q	0.50	ECU1H505Q	0.50	ECJ2VC1H505Q	0.50	5	ECUE1H505Q	0.50	ECJ0EC1H505Q	0.50	ECU1V1H505Q	0.50	ECJ1VC1H505Q	0.50	ECU1H505Q	0.50	ECJ2VC1H505Q	0.50	5	ECUE1H505Q	0.50	ECJ0EC1H505Q	0.50	ECU1V1H505Q	0.50	ECJ1VC1H505Q	0.50	ECU1H505Q	0.50	ECJ2VC1H505Q	0.50												
6	ECUE1H606D	0.50	ECJ0EC1H606D	0.50	ECU1V1H606D	0.50	ECJ1VC1H606D	0.50	ECU1H606D	0.50	ECJ2VC1H606D	0.50	6	ECUE1H606D	0.50	ECJ0EC1H606D	0.50	ECU1V1H606D	0.50	ECJ1VC1H606D	0.50	ECU1H606D	0.50	ECJ2VC1H606D	0.50	6	ECUE1H606D	0.50	ECJ0EC1H606D	0.50	ECU1V1H606D	0.50	ECJ1VC1H606D	0.50	ECU1H606D	0.50	ECJ2VC1H606D	0.50	6	ECUE1H606D	0.50	ECJ0EC1H606D	0.50	ECU1V1H606D	0.50	ECJ1VC1H606D	0.50	ECU1H606D	0.50	ECJ2VC1H606D	0.50												
7	ECUE1H707D	0.50	ECJ0EC1H707D	0.50	ECU1V1H707D	0.50	ECJ1VC1H707D	0.50	ECU1H707D	0.50	ECJ2VC1H707D	0.50	7	ECUE1H707D	0.50	ECJ0EC1H707D	0.50	ECU1V1H707D	0.50	ECJ1VC1H707D	0.50	ECU1H707D	0.50	ECJ2VC1H707D	0.50	7	ECUE1H707D	0.50	ECJ0EC1H707D	0.50	ECU1V1H707D	0.50	ECJ1VC1H707D	0.50	ECU1H707D	0.50	ECJ2VC1H707D	0.50	7	ECUE1H707D	0.50	ECJ0EC1H707D	0.50	ECU1V1H707D	0.50	ECJ1VC1H707D	0.50	ECU1H707D	0.50	ECJ2VC1H707D	0.50												
8	ECUE1H808D	0.50	ECJ0EC1H808D	0.50	ECU1V1H808D	0.50	ECJ1VC1H808D	0.50	ECU1H808D	0.50	ECJ2VC1H808D	0.50	8	ECUE1H808D	0.50	ECJ0EC1H808D	0.50	ECU1V1H808D	0.50	ECJ1VC1H808D	0.50	ECU1H808D	0.50	ECJ2VC1H808D	0.50	8	ECUE1H808D	0.50	ECJ0EC1H808D	0.50	ECU1V1H808D	0.50	ECJ1VC1H808D	0.50	ECU1H808D	0.50	ECJ2VC1H808D	0.50	8	ECUE1H808D	0.50	ECJ0EC1H808D	0.50	ECU1V1H808D	0.50	ECJ1VC1H808D	0.50	ECU1H808D	0.50	ECJ2VC1H808D	0.50												
9	ECUE1H909D	0.50	ECJ0EC1H909D	0.50	ECU1V1H909D	0.50	ECJ1VC1H909D	0.50	ECU1H909D	0.50	ECJ2VC1H909D	0.50	9	ECUE1H909D	0.50	ECJ0EC1H909D	0.50	ECU1V1H909D	0.50	ECJ1VC1H909D	0.50	ECU1H909D	0.50	ECJ2VC1H909D	0.50	9	ECUE1H909D	0.50	ECJ0EC1H909D	0.50	ECU1V1H909D	0.50	ECJ1VC1H909D	0.50	ECU1H909D	0.50	ECJ2VC1H909D	0.50	9	ECUE1H909D	0.50	ECJ0EC1H909D	0.50	ECU1V1H909D	0.50	ECJ1VC1H909D	0.50	ECU1H909D	0.50	ECJ2VC1H909D	0.50												
10	ECUE1H1010Q	0.50	ECJ0EC1H1010Q	0.50	ECU1V1H1010Q	0.50	ECJ1VC1H1010Q	0.50	ECU1H1010Q	0.50	ECJ2VC1H1010Q	0.50	10	ECUE1H1010Q	0.50	ECJ0EC1H1010Q	0.50	ECU1V1H1010Q	0.50	ECJ1VC1H1010Q	0.50	ECU1H1010Q	0.50	ECJ2VC1H1010Q	0.50	10	ECUE1H1010Q	0.50	ECJ0EC1H1010Q	0.50	ECU1V1H1010Q	0.50	ECJ1VC1H1010Q	0.50	ECU1H1010Q	0.50	ECJ2VC1H1010Q	0.50	10	ECUE1H1010Q	0.50	ECJ0EC1H1010Q	0.50	ECU1V1H1010Q	0.50	ECJ1VC1H1010Q	0.50	ECU1H1010Q	0.50	ECJ2VC1H1010Q	0.50												
11	ECUE1H1110Q	0.50	ECJ0EC1H1110Q	0.50	ECU1V1H1110Q	0.50	ECJ1VC1H1110Q	0.50	ECU1H1110Q	0.50	ECJ2VC1H1110Q	0.50	11	ECUE1H1110Q	0.50	ECJ0EC1H1110Q	0.50	ECU1V1H1110Q	0.50	ECJ1VC1H1110Q	0.50	ECU1H1110Q	0.50	ECJ2VC1H1110Q	0.50	11	ECUE1H1110Q	0.50	ECJ0EC1H1110Q	0.50	ECU1V1H1110Q	0.50	ECJ1VC1H1110Q	0.50	ECU1H1110Q	0.50	ECJ2VC1H1110Q	0.50	11	ECUE1H1110Q	0.50	ECJ0EC1H1110Q	0.50	ECU1V1H1110Q	0.50	ECJ1VC1H1110Q	0.50	ECU1H1110Q	0.50	ECJ2VC1H1110Q	0.50												
12	ECUE1H1212Q	0.50	ECJ0EC1H1212Q	0.50	ECU1V1H1212Q	0.50	ECJ1VC1H1212Q	0.50	ECU1H1212Q	0.50	ECJ2VC1H1212Q	0.50	12	ECUE1H1212Q	0.50	ECJ0EC1H1212Q	0.50	ECU1V1H1212Q	0.50	ECJ1VC1H1212Q	0.50	ECU1H1212Q	0.50	ECJ2VC1H1212Q	0.50	12	ECUE1H1212Q	0.50	ECJ0EC1H1212Q	0.50	ECU1V1H1212Q	0.50	ECJ1VC1H1212Q	0.50	ECU1H1212Q	0.50	ECJ2VC1H1212Q	0.50	12	ECUE1H1212Q	0.50	ECJ0EC1H1212Q	0.50	ECU1V1H1212Q	0.50	ECJ1VC1H1212Q	0.50	ECU1H1212Q	0.50	ECJ2VC1H1212Q	0.50												
13	ECUE1H1313Q	0.50	ECJ0EC1H1313Q	0.50	ECU1V1H1313Q	0.50	ECJ1VC1H1313Q	0.50	ECU1H1313Q	0.50	ECJ2VC1H1313Q	0.50	13	ECUE1H1313Q	0.50	ECJ0EC1H1313Q	0.50	ECU1V1H1313Q	0.50	ECJ1VC1H1313Q	0.50	ECU1H1313Q	0.50	ECJ2VC1H1313Q	0.50	13	ECUE1H1313Q	0.50	ECJ0EC1H1313Q	0.50	ECU1V1H1313Q	0.50	ECJ1VC1H1313Q	0.50	ECU1H1313Q	0.50	ECJ2VC1H1313Q	0.50	13	ECUE1H1313Q	0.50	ECJ0EC1H1313Q	0.50	ECU1V1H1313Q	0.50	ECJ1VC1H1313Q	0.50	ECU1H1313Q	0.50	ECJ2VC1H1313Q	0.50												
15	ECUE1H1515Q	0.50	ECJ0EC1H1515Q	0.50	ECU1V1H1515Q	0.50	ECJ1VC1H1515Q	0.50	ECU1H1515Q	0.50	ECJ2VC1H1515Q	0.50	15	ECUE1H1515Q	0.50	ECJ0EC1H1515Q	0.50	ECU1V1H1515Q	0.50	ECJ1VC1H1515Q	0.50	ECU1H1515Q	0.50	ECJ2VC1H1515Q	0.50	15	ECUE1H1515Q	0.50	ECJ0EC1H1515Q	0.50	ECU1V1H1515Q	0.50	ECJ1VC1H1515Q	0.50	ECU1H1515Q	0.50	ECJ2VC1H1515Q	0.50	15	ECUE1H1515Q	0.50	ECJ0EC1H1515Q	0.50	ECU1V1H1515Q	0.50	ECJ1VC1H1515Q	0.50	ECU1H1515Q	0.50	ECJ2VC1H1515Q	0.50												
16	ECUE1H1616Q	0.50	ECJ0EC1H1616Q	0.50	ECU1V1H1616Q	0.50	ECJ1VC1H1616Q	0.50	ECU1H1616Q	0.50	ECJ2VC1H1616Q	0.50	16	ECUE1H1616Q	0.50	ECJ0EC1H1616Q	0.50	ECU1V1H1616Q	0.50	ECJ1VC1H1616Q	0.50	ECU1H1616Q	0.50	ECJ2VC1H1616Q	0.50	16	ECUE1H1616Q	0.50	ECJ0EC1H1616Q	0.50	ECU1V1H1616Q	0.50	ECJ1VC1H1616Q	0.50	ECU1H1616Q	0.50	ECJ2VC1H1616Q	0.50	16	ECUE1H1616Q	0.50	ECJ0EC1H1616Q	0.50	ECU1V1H1616Q	0.50	ECJ1VC1H1616Q	0.50	ECU1H1616Q	0.50	ECJ2VC1H1616Q	0.50												
18	ECUE1H1818Q	0.50	ECJ0EC1H1818Q	0.50	ECU1V1H1818Q	0.50	ECJ1VC1H1818Q	0.50	ECU1H1818Q	0.50	ECJ2VC1H1818Q	0.50	18	ECUE1H1818Q	0.50	ECJ0EC1H1818Q	0.50	ECU1V1H1818Q	0.50	ECJ1VC1H1818Q	0.50	ECU1H1818Q	0.50	ECJ2VC1H1818Q	0.50	18	ECUE1H1818Q	0.50	ECJ0EC1H1818Q	0.50	ECU1V1H1818Q	0.50	ECJ1VC1H1818Q	0.50	ECU1H1818Q	0.50	ECJ2VC1H1818Q	0.50	18	ECUE1H1818Q	0.50	ECJ0EC1H1818Q	0.50	ECU1V1H1818Q	0.50	ECJ1VC1H1818Q	0.50	ECU1H1818Q	0.50	ECJ2VC1H1818Q	0.50												
20	ECUE1H2020Q	0.50	ECJ0EC1H2020Q	0.50	ECU1V1H2020Q	0.50	ECJ1VC1H2020Q	0.50	ECU1H2020Q	0.50	ECJ2VC1H2020Q	0.50	20	ECUE1H2020Q	0.50	ECJ0EC1H2020Q	0.50	ECU1V1H2020Q	0.50	ECJ1VC1H2020Q	0.50	ECU1H2020Q	0.50	ECJ2VC1H2020Q	0.50	20	ECUE1H2020Q	0.50	ECJ0EC1H2020Q	0.50	ECU1V1H2020Q	0.50	ECJ1VC1H2020Q	0.50	ECU1H2020Q	0.50	ECJ2VC1H2020Q	0.50	20	ECUE1H2020Q	0.50	ECJ0EC1H2020Q	0.50	ECU1V1H2020Q	0.50	ECJ1VC1H2020Q	0.50	ECU1H2020Q	0.50	ECJ2VC1H2020Q	0.50												
22	ECUE1H2222Q	0.50	ECJ0EC1H2222Q	0.50	ECU1V1H2222Q	0.50	ECJ1VC1H2222Q	0.50	ECU1H2222Q	0.50	ECJ2VC1H2222Q	0.50	22	ECUE1H2222Q	0.50	ECJ0EC1H2222Q	0.50	ECU1V1H2222Q	0.50	ECJ1VC1H2222Q	0.50	ECU1H2222Q	0.50	ECJ2VC1H2222Q	0.50	22	ECUE1H2222Q	0.50	ECJ0EC1H2222Q	0.50	ECU1V1H2222Q	0.50	ECJ1VC1H2222Q	0.50	ECU1H2222Q	0.50	ECJ2VC1H2222Q	0.50	22	ECUE1H2222Q	0.50	ECJ0EC1H2222Q	0.50	ECU1V1H2222Q	0.50	ECJ1VC1H2222Q	0.50	ECU1H2222Q	0.50	ECJ2VC1H2222Q	0.50												
24	ECUE1H2424Q	0.50	ECJ0EC1H2424Q	0.50	ECU1V1H2424Q	0.50	ECJ1VC1H2424Q	0.50	ECU1H2424Q	0.50	ECJ2VC1H2424Q	0.50	24	ECUE1H2424Q	0.50	ECJ0EC1H2424Q	0.50	ECU1V1H2424Q	0.50	ECJ1VC1H2424Q	0.50	ECU1H2424Q																																									

***: Capacitance Tolerance Code

Multilayer Ceramic Chip Capacitors Part Numbers Comparison List

Temp.Char.: P/N(150)

Rated Cap. (pF)	*10*(0402)type				*11*(0603)type				*12*(0805)type				*13*(1206)type			
	50V D.C.		Dim. T	Dim. T	50V D.C.		Dim. T	Dim. T	50V D.C.		Dim. T	Dim. T	50V D.C.		Dim. T	Dim. T
	End P/N	New P/N			End P/N	New P/N			End P/N	New P/N			End P/N	New P/N		
0.5	ECUE1H085PQ	0.50			ECUV1H085PV	0.80			ECUV1H085PV	0.80			ECUV1H085PV	0.80		
1	ECUE1H101PQ	0.50			ECUV1H101PV	0.80			ECUV1H101PV	0.80			ECUV1H101PV	0.80		
1.5	ECUE1H105PQ	0.50			ECUV1H105PV	0.80			ECUV1H105PV	0.80			ECUV1H105PV	0.80		
2	ECUE1H120PQ	0.50			ECUV1H120PV	0.80			ECUV1H120PV	0.80			ECUV1H120PV	0.80		
3	ECUE1H030PQ	0.50			ECUV1H030PV	0.80			ECUV1H030PV	0.80			ECUV1H030PV	0.80		
4	ECUE1H040PQ	0.50			ECUV1H040PV	0.80			ECUV1H040PV	0.80			ECUV1H040PV	0.80		
5	ECUE1H050PQ	0.50			ECUV1H050PV	0.80			ECUV1H050PV	0.80			ECUV1H050PV	0.80		
6	ECUE1H060PQ	0.50			ECUV1H060PV	0.80			ECUV1H060PV	0.80			ECUV1H060PV	0.80		
7	ECUE1H070PQ	0.50			ECUV1H070PV	0.80			ECUV1H070PV	0.80			ECUV1H070PV	0.80		
8	ECUE1H080PQ	0.50			ECUV1H080PV	0.80			ECUV1H080PV	0.80			ECUV1H080PV	0.80		
9	ECUE1H090PQ	0.50			ECUV1H090PV	0.80			ECUV1H090PV	0.80			ECUV1H090PV	0.80		
10	ECUE1H100PQ	0.50			ECUV1H100PV	0.80			ECUV1H100PV	0.80			ECUV1H100PV	0.80		
11	ECUE1H110PQ	0.50			ECUV1H110PV	0.80			ECUV1H110PV	0.80			ECUV1H110PV	0.80		
12	ECUE1H12_PQ	0.50			ECUV1H120PV	0.80			ECUV1H120PV	0.80			ECUV1H120PV	0.80		
13	ECUE1H130PQ	0.50			ECUV1H130PV	0.80			ECUV1H130PV	0.80			ECUV1H130PV	0.80		
15	ECUE1H150PQ	0.50			ECUV1H150PV	0.80			ECUV1H150PV	0.80			ECUV1H150PV	0.80		
16	ECUE1H160PQ	0.50			ECUV1H160PV	0.80			ECUV1H160PV	0.80			ECUV1H160PV	0.80		
18	ECUE1H180PQ	0.50			ECUV1H180PV	0.80			ECUV1H180PV	0.80			ECUV1H180PV	0.80		
20	ECUE1H200PQ	0.50			ECUV1H200PV	0.80			ECUV1H200PV	0.80			ECUV1H200PV	0.80		
22	ECUE1H220PQ	0.50			ECUV1H220PV	0.80			ECUV1H220PV	0.80			ECUV1H220PV	0.80		
24	ECUE1H240PQ	0.50			ECUV1H240PV	0.80			ECUV1H240PV	0.80			ECUV1H240PV	0.80		
27	ECUE1H270PQ	0.50			ECUV1H270PV	0.80			ECUV1H270PV	0.80			ECUV1H270PV	0.80		
30	ECUE1H300PQ	0.50			ECUV1H300PV	0.80			ECUV1H300PV	0.80			ECUV1H300PV	0.80		
33	ECUE1H330PQ	0.50			ECUV1H330PV	0.80			ECUV1H330PV	0.80			ECUV1H330PV	0.80		
36	ECUE1H360PQ	0.50			ECUV1H360PV	0.80			ECUV1H360PV	0.80			ECUV1H360PV	0.80		
39	ECUE1H390PQ	0.50			ECUV1H390PV	0.80			ECUV1H390PV	0.80			ECUV1H390PV	0.80		
43					ECUV1H430PV	0.80			ECUV1H430PV	0.80			ECUV1H430PV	0.80		
47					ECUV1H470PV	0.80			ECUV1H470PV	0.80			ECUV1H470PV	0.80		
51					ECUV1H510PV	0.80			ECUV1H510PV	0.80			ECUV1H510PV	0.80		
56					ECUV1H560PV	0.80			ECUV1H560PV	0.80			ECUV1H560PV	0.80		
60					ECUV1H600PV	0.80			ECUV1H600PV	0.80			ECUV1H600PV	0.80		
66					ECUV1H660PV	0.80			ECUV1H660PV	0.80			ECUV1H660PV	0.80		
75					ECUV1H750PV	0.80			ECUV1H750PV	0.80			ECUV1H750PV	0.80		
82					ECUV1H820PV	0.80			ECUV1H820PV	0.80			ECUV1H820PV	0.80		
91					ECUV1H910PV	0.80			ECUV1H910PV	0.80			ECUV1H910PV	0.80		
100					ECUV1H101PV	0.80			ECUV1H101PV	0.80			ECUV1H101PV	0.80		
110					ECUV1H111PV	0.80			ECUV1H111PV	0.80			ECUV1H111PV	0.80		
120					ECUV1H121PV	0.80			ECUV1H121PV	0.80			ECUV1H121PV	0.80		
130					ECUV1H131PV	0.80			ECUV1H131PV	0.80			ECUV1H131PV	0.80		
150					ECUV1H151PV	0.80			ECUV1H151PV	0.80			ECUV1H151PV	0.80		
160					ECUV1H161PV	0.80			ECUV1H161PV	0.80			ECUV1H161PV	0.80		
180					ECUV1H181PV	0.80			ECUV1H181PV	0.80			ECUV1H181PV	0.80		
200					ECUV1H201PV	0.80			ECUV1H201PV	0.80			ECUV1H201PV	0.80		
220					ECUV1H221PV	0.80			ECUV1H221PV	0.80			ECUV1H221PV	0.80		
240					ECUV1H241PV	0.85			ECUV1H241PV	0.85			ECUV1H241PV	0.85		
270					ECUV1H271PV	0.85			ECUV1H271PV	0.85			ECUV1H271PV	0.85		
300					ECUV1H301PV	0.85			ECUV1H301PV	0.85			ECUV1H301PV	0.85		
330					ECUV1H331PV	0.85			ECUV1H331PV	0.85			ECUV1H331PV	0.85		
360					ECUV1H361PV	0.80			ECUV1H361PV	0.80			ECUV1H361PV	0.80		
390					ECUV1H391PV	0.80			ECUV1H391PV	0.80			ECUV1H391PV	0.80		
430					ECUV1H431PV	0.80			ECUV1H431PV	0.80			ECUV1H431PV	0.80		
470					ECUV1H471PV	0.80			ECUV1H471PV	0.80			ECUV1H471PV	0.80		
510					ECUV1H511PV	0.80			ECUV1H511PV	0.80			ECUV1H511PV	0.80		
560					ECUV1H561PV	0.80			ECUV1H561PV	0.80			ECUV1H561PV	0.80		
620					ECUV1H621PV	0.85			ECUV1H621PV	0.85			ECUV1H621PV	0.85		
750					ECUV1H751PV	0.85			ECUV1H751PV	0.85			ECUV1H751PV	0.85		
820					ECUV1H821PV	0.85			ECUV1H821PV	0.85			ECUV1H821PV	0.85		
910					ECUV1H911PV	0.85			ECUV1H911PV	0.85			ECUV1H911PV	0.85		
1000					ECUV1H1021PV	0.85			ECUV1H1021PV	0.85			ECUV1H1021PV	0.85		
1100					ECUV1H1121PV	0.85			ECUV1H1121PV	0.85			ECUV1H1121PV	0.85		
1200					ECUV1H1221PV	0.85			ECUV1H1221PV	0.85			ECUV1H1221PV	0.85		
1300																
1500																
1600																
1800																
2000																
2200																
2400																
2700																
3000																
3300																
3600																
3900																
4300																
4700																
5100																
5600																

Capacitance Tolerance Code

Temp.Char.: R(N220)

Rated Cap. (pF)	*10*(0402)type 50V D.C.				*11*(0603)type 50V D.C.				*12*(0805)type 50V D.C.				*13*(1206)type 50V D.C.			
	End P/N		New P/N		End P/N		New P/N		End P/N		New P/N		End P/N		New P/N	
	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T	Dim. T
0.5	ECUE1H085RQ	0.50	Discontinue at EndMarch/2000		ECUV1H085RV	0.80			ECUV1H085RV	0.80						
1	ECUE1H010RQ	0.50		ECUV1H010RV	0.80			ECUV1H010RV	0.80							
1.5	ECUE1H105RQ	0.50		ECUV1H105RV	0.80			ECUV1H105RV	0.80							
2	ECUE1H020RQ	0.50		ECUV1H020RV	0.80			ECUV1H020RV	0.80							
3	ECUE1H030RQ	0.50		ECUV1H030RV	0.80			ECUV1H030RV	0.80							
4	ECUE1H040RQ	0.50		ECUV1H040RV	0.80			ECUV1H040RV	0.80							
5	ECUE1H050RQ	0.50		ECUV1H050RV	0.80			ECUV1H050RV	0.80							
6	ECUE1H060RQ	0.50		ECUV1H060RV	0.80			ECUV1H060RV	0.80							
7	ECUE1H070RQ	0.50		ECUV1H070RV	0.80			ECUV1H070RV	0.80							
8	ECUE1H080RQ	0.50		ECUV1H080RV	0.80			ECUV1H080RV	0.80							
9	ECUE1H090RQ	0.50	ECUV1H090RV	0.80			ECUV1H090RV	0.80								
10	ECUE1H100RQ	0.50	ECUV1H100RV	0.80			ECUV1H100RV	0.80								
11	ECUE1H110RQ	0.50			ECUV1H110RV	0.80			ECUV1H110RV	0.80						
12	ECUE1H120RQ	0.50			ECUV1H120RV	0.80			ECUV1H120RV	0.80						
13	ECUE1H130RQ	0.50			ECUV1H130RV	0.80			ECUV1H130RV	0.80						
15	ECUE1H150RQ	0.50			ECUV1H150RV	0.80			ECUV1H150RV	0.80						
16	ECUE1H160RQ	0.50			ECUV1H160RV	0.80			ECUV1H160RV	0.80						
18	ECUE1H180RQ	0.50			ECUV1H180RV	0.80			ECUV1H180RV	0.80						
20	ECUE1H200RQ	0.50			ECUV1H200RV	0.80			ECUV1H200RV	0.80						
22	ECUE1H220RQ	0.50			ECUV1H220RV	0.80			ECUV1H220RV	0.80						
24	ECUE1H240RQ	0.50			ECUV1H240RV	0.80			ECUV1H240RV	0.80						
26	ECUE1H260RQ	0.50			ECUV1H260RV	0.80			ECUV1H260RV	0.80						
30	ECUE1H300RQ	0.50			ECUV1H300RV	0.80			ECUV1H300RV	0.80						
33	ECUE1H330RQ	0.50			ECUV1H330RV	0.80			ECUV1H330RV	0.80						
36	ECUE1H360RQ	0.50			ECUV1H360RV	0.80			ECUV1H360RV	0.80						
39	ECUE1H390RQ	0.50			ECUV1H390RV	0.80			ECUV1H390RV	0.80						
43					ECUV1H430RV	0.80			ECUV1H430RV	0.80						
47					ECUV1H470RV	0.80			ECUV1H470RV	0.80						
51					ECUV1H510RV	0.80			ECUV1H510RV	0.80						
55					ECUV1H550RV	0.80			ECUV1H550RV	0.80						
62					ECUV1H620RV	0.80			ECUV1H620RV	0.80						
68					ECUV1H680RV	0.80			ECUV1H680RV	0.80						
75					ECUV1H750RV	0.80			ECUV1H750RV	0.80						
82					ECUV1H820RV	0.80			ECUV1H820RV	0.80						
91					ECUV1H910RV	0.80			ECUV1H910RV	0.80						
100					ECUV1H101RV	0.80			ECUV1H101RV	0.80						
110					ECUV1H111RV	0.80			ECUV1H111RV	0.80						
120					ECUV1H121RV	0.80			ECUV1H121RV	0.80						
130					ECUV1H131RV	0.80			ECUV1H131RV	0.80						
150					ECUV1H151RV	0.80			ECUV1H151RV	0.80						
160					ECUV1H161RV	0.80			ECUV1H161RV	0.80						
180					ECUV1H181RV	0.80			ECUV1H181RV	0.80						
200									ECUV1H201RV	0.80						
220									ECUV1H221RV	0.80						
240									ECUV1H241RV	0.85						
260									ECUV1H261RV	0.85						
300									ECUV1H301RV	0.85						
330									ECUV1H331RV	0.85						
360									ECUV1H361RV	0.85						
430									ECUV1H391RV	0.85						
470																
510																
560																
620																
680																
750																
820																
910																
1000																
1100																
1200																
1300																
1500																
1600																
1800																
2000																
2200																
2400																
2700																
3000																
3600																
3900																
4300																
4700																
5100																
5600																

Multilayer Ceramic Chip Capacitors Part Numbers Comparison List

Temp Char.: S(N330)

Rated Cap. (µF)	*10*(0402)type				*11*(0603)type				*12*(0805)type				*13*(1206)type			
	50V D.C.				50V D.C.				50V D.C.				50V D.C.			
	End PIN	Dim.1	New PIN	Dim.1	End PIN	Dim.1	New PIN	Dim.1	End PIN	Dim.1	New PIN	Dim.1	End PIN	Dim.1	New PIN	Dim.1
0.5	ECUE1H0R5C/SQ	0.50			ECUV1H0R5C/SV	0.80			ECUV1H0R5C/SN	0.60						
1	ECUE1H010/SQ	0.50			ECUV1H010/SV	0.80			ECUV1H010/SN	0.60						
1.5	ECUE1H1R5/SQ	0.50			ECUV1H1R5/SV	0.80			ECUV1H1R5/SN	0.60						
2	ECUE1H020/SQ	0.50			ECUV1H020/SV	0.80			ECUV1H020/SN	0.60						
3	ECUE1H030/SQ	0.50			ECUV1H030/SV	0.80			ECUV1H030/SN	0.60						
4	ECUE1H040/SQ	0.50			ECUV1H040/SV	0.80			ECUV1H040/SN	0.60						
5	ECUE1H050/SQ	0.50			ECUV1H050/SV	0.80			ECUV1H050/SN	0.60						
6	ECUE1H060/SQ	0.50			ECUV1H060/SV	0.80			ECUV1H060/SN	0.60						
7	ECUE1H070/SQ	0.50			ECUV1H070/SV	0.80			ECUV1H070/SN	0.60						
8	ECUE1H080/SQ	0.50			ECUV1H080/SV	0.80			ECUV1H080/SN	0.60						
9	ECUE1H090/SQ	0.50			ECUV1H090/SV	0.80			ECUV1H090/SN	0.60						
10	ECUE1H100/SQ	0.50			ECUV1H100/SV	0.80			ECUV1H100/SN	0.60						
11	ECUE1H110/SQ	0.50			ECUV1H110/SV	0.80			ECUV1H110/SN	0.60						
12	ECUE1H120/SQ	0.50			ECUV1H120/SV	0.80			ECUV1H120/SN	0.60						
13	ECUE1H130/SQ	0.50			ECUV1H130/SV	0.80			ECUV1H130/SN	0.60						
15	ECUE1H150/SQ	0.50			ECUV1H150/SV	0.80			ECUV1H150/SN	0.60						
16	ECUE1H160/SQ	0.50			ECUV1H160/SV	0.80			ECUV1H160/SN	0.60						
18	ECUE1H180/SQ	0.50			ECUV1H180/SV	0.80			ECUV1H180/SN	0.60						
20	ECUE1H200/SQ	0.50			ECUV1H200/SV	0.80			ECUV1H200/SN	0.60						
22	ECUE1H220/SQ	0.50			ECUV1H220/SV	0.80			ECUV1H220/SN	0.60						
24	ECUE1H240/SQ	0.50			ECUV1H240/SV	0.80			ECUV1H240/SN	0.60						
27	ECUE1H270/SQ	0.50			ECUV1H270/SV	0.80			ECUV1H270/SN	0.60						
30	ECUE1H300/SQ	0.50			ECUV1H300/SV	0.80			ECUV1H300/SN	0.60						
33	ECUE1H330/SQ	0.50			ECUV1H330/SV	0.80			ECUV1H330/SN	0.60						
36	ECUE1H360/SQ	0.50			ECUV1H360/SV	0.80			ECUV1H360/SN	0.60						
39	ECUE1H390/SQ	0.50			ECUV1H390/SV	0.80			ECUV1H390/SN	0.60						
43					ECUV1H430/SV	0.80			ECUV1H430/SN	0.60						
47					ECUV1H470/SV	0.80			ECUV1H470/SN	0.60						
51					ECUV1H510/SV	0.80			ECUV1H510/SN	0.60						
56					ECUV1H560/SV	0.80			ECUV1H560/SN	0.60						
62					ECUV1H620/SV	0.80			ECUV1H620/SN	0.60						
68					ECUV1H680/SV	0.80			ECUV1H680/SN	0.60						
75					ECUV1H750/SV	0.80			ECUV1H750/SN	0.60						
82					ECUV1H820/SV	0.80			ECUV1H820/SN	0.60						
91					ECUV1H910/SV	0.80			ECUV1H910/SN	0.60						
100					ECUV1H101/SV	0.80			ECUV1H101/SN	0.60						
110					ECUV1H111/SV	0.80			ECUV1H111/SN	0.60						
120					ECUV1H121/SV	0.80			ECUV1H121/SN	0.60						
130					ECUV1H131/SV	0.80			ECUV1H131/SN	0.60						
150					ECUV1H151/SV	0.80			ECUV1H151/SN	0.60						
160					ECUV1H161/SV	0.80			ECUV1H161/SN	0.60						
180					ECUV1H181/SV	0.80			ECUV1H181/SN	0.60						
200					ECUV1H201/SV	0.80			ECUV1H201/SN	0.60						
220					ECUV1H221/SV	0.80			ECUV1H221/SN	0.60						
240					ECUV1H241/SV	0.85			ECUV1H241/SN	0.85						
270					ECUV1H271/SV	0.85			ECUV1H271/SN	0.85						
300					ECUV1H301/SV	0.85			ECUV1H301/SN	0.85						
330					ECUV1H331/SV	0.85			ECUV1H331/SN	0.85						
360					ECUV1H361/SV	0.85			ECUV1H361/SN	0.85						
390					ECUV1H391/SV	0.85			ECUV1H391/SN	0.85						
430					ECUV1H431/SV	0.85			ECUV1H431/SN	0.85						
470					ECUV1H471/SV	0.85			ECUV1H471/SN	0.85						
510					ECUV1H511/SV	0.85			ECUV1H511/SN	0.85						
560					ECUV1H561/SV	0.85			ECUV1H561/SN	0.85						
620					ECUV1H621/SV	0.85			ECUV1H621/SN	0.85						
680					ECUV1H681/SV	0.85			ECUV1H681/SN	0.85						
750					ECUV1H751/SV	0.85			ECUV1H751/SN	0.85						
820					ECUV1H821/SV	0.85			ECUV1H821/SN	0.85						
910					ECUV1H911/SV	0.85			ECUV1H911/SN	0.85						
1000					ECUV1H1021/SV	0.85			ECUV1H1021/SN	0.85						
1100					ECUV1H1121/SV	0.85			ECUV1H1121/SN	0.85						
1200					ECUV1H1221/SV	0.85			ECUV1H1221/SN	0.85						
1300					ECUV1H1321/SV	0.85			ECUV1H1321/SN	0.85						
1500					ECUV1H1521/SV	0.85			ECUV1H1521/SN	0.85						
1600																
1800																
2000																
2200																
2400																
2700																
3000																
3300																
3600																
3900																
4300																
4700																
5100																
5600																

Capacitance Tolerance Code

Temp Char.: T(N470)

Rated Cap. (µF)	*10*(0402)type				*11*(0603)type				*12*(0805)type				*13*(1206)type			
	50V D.C.				50V D.C.				50V D.C.				50V D.C.			
	End PIN	Dim. T	New PIN	Dim. T	End PIN	Dim. T	New PIN	Dim. T	End PIN	Dim. T	New PIN	Dim. T	End PIN	Dim. T	New PIN	Dim. T
0.5	ECUE1H0R5C/TQ	0.50			ECUV1H0R5C/TN	0.80			ECUV1H0R5C/TN	0.60			ECUV1H0R5C/TN	0.60		
1	ECUE1H010/TQ	0.50			ECUV1H010/TN	0.80			ECUV1H010/TN	0.60			ECUV1H010/TN	0.60		
1.5	ECUE1H1R5/TQ	0.50			ECUV1H1R5/TN	0.80			ECUV1H1R5/TN	0.60			ECUV1H1R5/TN	0.60		
2	ECUE1H020/TQ	0.50			ECUV1H020/TN	0.80			ECUV1H020/TN	0.60			ECUV1H020/TN	0.60		
3	ECUE1H030/TQ	0.50			ECUV1H030/TN	0.80			ECUV1H030/TN	0.60			ECUV1H030/TN	0.60		
4	ECUE1H040/TQ	0.50			ECUV1H040/TN	0.80			ECUV1H040/TN	0.60			ECUV1H040/TN	0.60		
5	ECUE1H050/TQ	0.50			ECUV1H050/TN	0.80			ECUV1H050/TN	0.60			ECUV1H050/TN	0.60		
6	ECUE1H060/TQ	0.50			ECUV1H060/TN	0.80			ECUV1H060/TN	0.60			ECUV1H060/TN	0.60		
7	ECUE1H070/TQ	0.50			ECUV1H070/TN	0.80			ECUV1H070/TN	0.60			ECUV1H070/TN	0.60		
8	ECUE1H080/TQ	0.50			ECUV1H080/TN	0.80			ECUV1H080/TN	0.60			ECUV1H080/TN	0.60		
9	ECUE1H090/TQ	0.50			ECUV1H090/TN	0.80			ECUV1H090/TN	0.60			ECUV1H090/TN	0.60		
10	ECUE1H100/TQ	0.50			ECUV1H100/TN	0.80			ECUV1H100/TN	0.60			ECUV1H100/TN	0.60		
11	ECUE1H110/TQ	0.50			ECUV1H110/TN	0.80			ECUV1H110/TN	0.60			ECUV1H110/TN	0.60		
12	ECUE1H120/TQ	0.50			ECUV1H120/TN	0.80			ECUV1H120/TN	0.60			ECUV1H120/TN	0.60		
13	ECUE1H130/TQ	0.50			ECUV1H130/TN	0.80			ECUV1H130/TN	0.60			ECUV1H130/TN	0.60		
15	ECUE1H150/TQ	0.50			ECUV1H150/TN	0.80			ECUV1H150/TN	0.60			ECUV1H150/TN	0.60		
16	ECUE1H160/TQ	0.50			ECUV1H160/TN	0.80			ECUV1H160/TN	0.60			ECUV1H160/TN	0.60		
18	ECUE1H180/TQ	0.50			ECUV1H180/TN	0.80			ECUV1H180/TN	0.60			ECUV1H180/TN	0.60		
20	ECUE1H200/TQ	0.50			ECUV1H200/TN	0.80			ECUV1H200/TN	0.60			ECUV1H200/TN	0.60		
22	ECUE1H220/TQ	0.50			ECUV1H220/TN	0.80			ECUV1H220/TN	0.60			ECUV1H220/TN	0.60		
24	ECUE1H240/TQ	0.50			ECUV1H240/TN	0.80			ECUV1H240/TN	0.60			ECUV1H240/TN	0.60		
27	ECUE1H270/TQ	0.50			ECUV1H270/TN	0.80			ECUV1H270/TN	0.60			ECUV1H270/TN	0.60		
30	ECUE1H300/TQ	0.50			ECUV1H300/TN	0.80			ECUV1H300/TN	0.60			ECUV1H300/TN	0.60		
33	ECUE1H330/TQ	0.50			ECUV1H330/TN	0.80			ECUV1H330/TN	0.60			ECUV1H330/TN	0.60		
36	ECUE1H360/TQ	0.50			ECUV1H360/TN	0.80			ECUV1H360/TN	0.60			ECUV1H360/TN	0.60		
39	ECUE1H390/TQ	0.50			ECUV1H390/TN	0.80			ECUV1H390/TN	0.60			ECUV1H390/TN	0.60		
43					ECUV1H430/TN	0.80			ECUV1H430/TN	0.60			ECUV1H430/TN	0.60		
47					ECUV1H470/TN	0.80			ECUV1H470/TN	0.60			ECUV1H470/TN	0.60		
51					ECUV1H510/TN	0.80			ECUV1H510/TN	0.60			ECUV1H510/TN	0.60		
56					ECUV1H560/TN	0.80			ECUV1H560/TN	0.60			ECUV1H560/TN	0.60		
62					ECUV1H620/TN	0.80			ECUV1H620/TN	0.60			ECUV1H620/TN	0.60		
68					ECUV1H680/TN	0.80			ECUV1H680/TN	0.60			ECUV1H680/TN	0.60		
75					ECUV1H750/TN	0.80			ECUV1H750/TN	0.60			ECUV1H750/TN	0.60		
82					ECUV1H820/TN	0.80			ECUV1H820/TN	0.60			ECUV1H820/TN	0.60		
91					ECUV1H910/TN	0.80			ECUV1H910/TN	0.60			ECUV1H910/TN	0.60		
100					ECUV1H100/TN	0.80			ECUV1H100/TN	0.60			ECUV1H100/TN	0.60		
110					ECUV1H110/TN	0.80			ECUV1H110/TN	0.60			ECUV1H110/TN	0.60		
120					ECUV1H120/TN	0.80			ECUV1H120/TN	0.60			ECUV1H120/TN	0.60		
130					ECUV1H130/TN	0.80			ECUV1H130/TN	0.60			ECUV1H130/TN	0.60		
150					ECUV1H150/TN	0.80			ECUV1H150/TN	0.60			ECUV1H150/TN	0.60		
160					ECUV1H160/TN	0.80			ECUV1H160/TN	0.60			ECUV1H160/TN	0.60		
180					ECUV1H180/TN	0.80			ECUV1H180/TN	0.60			ECUV1H180/TN	0.60		
200									ECUV1H200/TN	0.60			ECUV1H200/TN	0.60		
220									ECUV1H220/TN	0.60			ECUV1H220/TN	0.60		
240									ECUV1H240/TN	0.60			ECUV1H240/TN	0.60		
270									ECUV1H270/TN	0.60			ECUV1H270/TN	0.60		
300									ECUV1H300/TN	0.60			ECUV1H300/TN	0.60		
360									ECUV1H360/TN	0.60			ECUV1H360/TN	0.60		
390									ECUV1H390/TN	0.60			ECUV1H390/TN	0.60		
430									ECUV1H430/TN	0.60			ECUV1H430/TN	0.60		
470									ECUV1H470/TN	0.60			ECUV1H470/TN	0.60		
510									ECUV1H510/TN	0.60			ECUV1H510/TN	0.60		
560									ECUV1H560/TN	0.60			ECUV1H560/TN	0.60		
620									ECUV1H620/TN	0.60			ECUV1H620/TN	0.60		
680									ECUV1H680/TN	0.60			ECUV1H680/TN	0.60		
750									ECUV1H750/TN	0.60			ECUV1H750/TN	0.60		
820									ECUV1H820/TN	0.60			ECUV1H820/TN	0.60		
910									ECUV1H910/TN	0.60			ECUV1H910/TN	0.60		
1000									ECUV1H1000/TN	0.60			ECUV1H1000/TN	0.60		
1100									ECUV1H1100/TN	0.60			ECUV1H1100/TN	0.60		
1200									ECUV1H1200/TN	0.60			ECUV1H1200/TN	0.60		
1300									ECUV1H1300/TN	0.60			ECUV1H1300/TN	0.60		
1500									ECUV1H1500/TN	0.60			ECUV1H1500/TN	0.60		
1800									ECUV1H1800/TN	0.60			ECUV1H1800/TN	0.60		
2000									ECUV1H2000/TN	0.60			ECUV1H2000/TN	0.60		
2200									ECUV1H2200/TN	0.60			ECUV1H2200/TN	0.60		
2400									ECUV1H2400/TN	0.60			ECUV1H2400/TN	0.60		
2700									ECUV1H2700/TN	0.60			ECUV1H2700/TN	0.60		
3000									ECUV1H3000/TN	0.60			ECUV1H3000/TN	0.60		
3300									ECUV1H3300/TN	0.60			ECUV1H3300/TN	0.60		
3600									ECUV1H3600/TN	0.60			ECUV1H3600/TN	0.60		
3900									ECUV1H3900/TN	0.60			ECUV1H3900/TN	0.60		
4300									ECUV1H4300/TN	0.60			ECUV1H4300/TN	0.60		
4700									ECUV1H4700/TN	0.60			ECUV1H4700/TN	0.60		
5100									ECUV1H5100/TN	0.60			ECUV1H5100/TN	0.60		
5600									ECUV1H5600/TN	0.60			ECUV1H5600/TN	0.60		
6200									ECUV1H6200/TN	0.60			ECUV1H6200/TN	0.60		
6800									ECUV1H6800/TN	0.60			ECUV1H6800/TN	0.60		
7500									ECUV1H7500/TN	0.60			ECUV1H7500/TN	0.60		
8200									ECUV1H8200/TN	0.60			ECUV1H8200/TN	0.60		
9100									ECUV1H9100/TN	0.60			ECUV1H9100/TN	0.60		
10000									ECUV1H10000/TN	0.60			ECUV1H10000/TN	0.60		
11000									ECUV1H11000/TN	0.60			ECUV1H11000/TN	0.60		
12000									ECUV1H12000/TN	0.60			ECUV1H12000/TN	0.60		
13000									ECUV1H13000/TN	0.60			ECUV1H13000/TN	0.60		
15000									ECUV1H15000/TN	0.60			ECUV1H15000/TN	0.60		
18000									ECUV1H18000/TN	0.60			ECUV1H18000/TN	0.60		
20000									ECUV1H20000/TN	0.60			ECUV1H20000/TN	0.60		
22000									ECUV1H22000/TN	0.60			ECUV1H22000/TN	0.60		
24000									ECUV1H24000/TN	0.60			ECUV1H24000/TN	0.60		
27000									ECUV1H27000/TN	0.60			ECUV1H27000/TN	0.60		
30000									ECUV1H30000/TN	0.60			ECUV1H30000/TN	0.60		
33000									ECUV1H33000/TN	0.60			ECUV1H33000/TN	0.60		
36000									ECUV1H36000/TN	0.60			ECUV1H36000/TN	0.60		
39000									ECUV1H39000/TN	0.60			ECUV1H39000/TN	0.60		
43000									ECUV1H43000/TN	0.60			ECUV1H43000/TN	0.60		
47000									ECUV1H47000/TN	0.60			ECUV1H47000/TN	0.60		
51000									ECUV1H51000/TN	0.60			ECUV1H51000/TN	0.60		
56000									ECUV1H56000/TN	0.60			ECUV1H56000/TN	0.60		
62000									ECUV1H62000/TN	0.60			ECUV1H62000/TN	0.60		
68000									ECUV1H68000/TN	0.60			ECUV1H68000/TN	0.60		
75000									ECUV1H75000/TN	0.60			ECUV1H75000/TN	0.60		
82000									ECUV1H82000/TN	0.60			ECUV1H82000/TN	0.60		

Multilayer Ceramic Chip Capacitors Part Numbers Comparison List

Temp.Char.: U(N750)

Rated Cap. (pF)	*10*(0402)type				*11*(0603)type				*12*(0805)type				*13*(1206)type			
	50V D.C.				50V D.C.				50V D.C.				50V D.C.			
	End P/N	Dim. T	New P/N	Dim. T	End P/N	Dim. T	New P/N	Dim. T	End P/N	Dim. T	New P/N	Dim. T	End P/N	Dim. T	New P/N	Dim. T
0.5	ECUE1H0R5CUQ	0.50			ECUV1H0R5CUV	0.80			ECUV1H0R5CUN	0.60						
1	ECUE1H010*UQ	0.50			ECUV1H010*UV	0.80			ECUV1H010*UN	0.60						
1.5	ECUE1H1R5*UQ	0.50			ECUV1H1R5*UV	0.80			ECUV1H1R5*UN	0.60						
2	ECUE1H020*UQ	0.50			ECUV1H020*UV	0.80			ECUV1H020*UN	0.60						
3	ECUE1H030*UQ	0.50			ECUV1H030*UV	0.80			ECUV1H030*UN	0.60						
4	ECUE1H040*UQ	0.50			ECUV1H040*UV	0.80			ECUV1H040*UN	0.60						
5	ECUE1H050*UQ	0.50			ECUV1H050*UV	0.80			ECUV1H050*UN	0.60						
6	ECUE1H060DUQ	0.50			ECUV1H060DUN	0.80			ECUV1H060DUN	0.60						
7	ECUE1H070DUQ	0.50			ECUV1H070DUN	0.80			ECUV1H070DUN	0.60						
8	ECUE1H080DUQ	0.50			ECUV1H080DUN	0.80			ECUV1H080DUN	0.60						
9	ECUE1H090DUQ	0.50			ECUV1H090DUN	0.80			ECUV1H090DUN	0.60						
10	ECUE1H100*UQ	0.50			ECUV1H100*UV	0.80			ECUV1H100*UN	0.60						
11	ECUE1H110JUQ	0.50			ECUV1H110JUN	0.80			ECUV1H110JUN	0.60						
12	ECUE1H120*UQ	0.50			ECUV1H120*UV	0.80			ECUV1H120*UN	0.60						
13	ECUE1H130JUQ	0.50			ECUV1H130JUN	0.80			ECUV1H130JUN	0.60						
15	ECUE1H150*UQ	0.50			ECUV1H150*UV	0.80			ECUV1H150*UN	0.60						
16	ECUE1H160JUQ	0.50			ECUV1H160JUN	0.80			ECUV1H160JUN	0.60						
18	ECUE1H180*UQ	0.50			ECUV1H180*UV	0.80			ECUV1H180*UN	0.60						
20	ECUE1H200JUQ	0.50			ECUV1H200JUN	0.80			ECUV1H200JUN	0.60						
22	ECUE1H220*UQ	0.50			ECUV1H220*UV	0.80			ECUV1H220*UN	0.60						
24	ECUE1H240JUQ	0.50			ECUV1H240JUN	0.80			ECUV1H240JUN	0.60						
27	ECUE1H270*UQ	0.50			ECUV1H270*UV	0.80			ECUV1H270*UN	0.60						
30	ECUE1H300JUQ	0.50			ECUV1H300JUN	0.80			ECUV1H300JUN	0.60						
33	ECUE1H330*UQ	0.50			ECUV1H330*UV	0.80			ECUV1H330*UN	0.60						
36	ECUE1H360JUQ	0.50			ECUV1H360JUN	0.80			ECUV1H360JUN	0.60						
39	ECUE1H390*UQ	0.50			ECUV1H390*UV	0.80			ECUV1H390*UN	0.60						
43	ECUE1H430JUQ	0.50			ECUV1H430JUN	0.80			ECUV1H430JUN	0.60						
47	ECUE1H470*UQ	0.50			ECUV1H470*UV	0.80			ECUV1H470*UN	0.60						
51	ECUE1H510JUQ	0.50			ECUV1H510JUN	0.80			ECUV1H510JUN	0.60						
56	ECUE1H560*UQ	0.50			ECUV1H560*UV	0.80			ECUV1H560*UN	0.60						
62	ECUE1H620JUQ	0.50			ECUV1H620JUN	0.80			ECUV1H620JUN	0.60						
68	ECUE1H680*UQ	0.50			ECUV1H680*UV	0.80			ECUV1H680*UN	0.60						
75	ECUE1H750JUQ	0.50			ECUV1H750JUN	0.80			ECUV1H750JUN	0.60						
82	ECUE1H820*UQ	0.50			ECUV1H820*UV	0.80			ECUV1H820*UN	0.60						
91	ECUE1H910JUQ	0.50			ECUV1H910JUN	0.80			ECUV1H910JUN	0.60						
100	ECUE1H101*UQ	0.50			ECUV1H101*UV	0.80			ECUV1H101*UN	0.60						
110	ECUE1H111JUQ	0.50			ECUV1H111JUN	0.80			ECUV1H111JUN	0.60						
120	ECUE1H121*UQ	0.50			ECUV1H121*UV	0.80			ECUV1H121*UN	0.60						
130					ECUV1H131JUN	0.80			ECUV1H131JUN	0.60						
150					ECUV1H151*UV	0.80			ECUV1H151*UN	0.60						
160					ECUV1H161JUN	0.80			ECUV1H161JUN	0.60						
180					ECUV1H181*UV	0.80			ECUV1H181*UN	0.60						
200					ECUV1H201JUN	0.80			ECUV1H201JUN	0.60						
220					ECUV1H221*UV	0.80			ECUV1H221*UN	0.60						
240					ECUV1H241JUN	0.80			ECUV1H241JUN	0.60						
270					ECUV1H271*UV	0.80			ECUV1H271*UN	0.60						
300					ECUV1H301JUN	0.80			ECUV1H301JUN	0.60			ECUV1H301JUW	0.60		
330					ECUV1H331*UV	0.80			ECUV1H331*UN	0.60			ECUV1H331*UW	0.60		
360					ECUV1H361JUN	0.80			ECUV1H361JUN	0.60			ECUV1H361JUW	0.60		
390					ECUV1H391*UV	0.80			ECUV1H391*UN	0.60			ECUV1H391*UW	0.60		
430					ECUV1H431JUN	0.80			ECUV1H431JUN	0.60			ECUV1H431JUW	0.60		
470					ECUV1H471*UV	0.80			ECUV1H471*UN	0.60			ECUV1H471*UW	0.60		
510					ECUV1H511JUN	0.80			ECUV1H511JUN	0.60			ECUV1H511JUW	0.60		
560					ECUV1H561*UV	0.80			ECUV1H561*UN	0.60			ECUV1H561*UW	0.60		
620					ECUV1H621JUN	0.80			ECUV1H621JUN	0.60			ECUV1H621JUW	0.60		
680					ECUV1H681*UV	0.80			ECUV1H681*UN	0.60			ECUV1H681*UW	0.60		
750					ECUV1H751JUN	0.80			ECUV1H751JUN	0.60			ECUV1H751JUW	0.60		
820					ECUV1H821*UV	0.80			ECUV1H821*UN	0.60			ECUV1H821*UW	0.60		
910					ECUV1H911JUN	0.80			ECUV1H911JUN	0.60			ECUV1H911JUW	0.60		
1000					ECUV1H102*UV	0.80			ECUV1H102*UN	0.60			ECUV1H102*UW	0.60		
1100					ECUV1H112JUN	0.80			ECUV1H112JUN	0.60			ECUV1H112JUW	0.60		
1200					ECUV1H122*UV	0.80			ECUV1H122*UN	0.60			ECUV1H122*UW	0.60		
1300					ECUV1H132JUN	0.80			ECUV1H132JUN	0.60			ECUV1H132JUW	0.60		
1500					ECUV1H152*UV	0.80			ECUV1H152*UN	0.60			ECUV1H152*UW	0.60		
1600					ECUV1H162JUN	0.80			ECUV1H162JUN	0.60			ECUV1H162JUW	0.60		
1800					ECUV1H182*UV	0.80			ECUV1H182*UN	0.60			ECUV1H182*UW	0.60		
2000					ECUV1H202JUN	0.80			ECUV1H202JUN	0.60			ECUV1H202JUW	0.60		
2200					ECUV1H222*UV	0.80			ECUV1H222*UN	0.60			ECUV1H222*UW	0.60		
2400					ECUV1H242JUN	0.80			ECUV1H242JUN	0.60			ECUV1H242JUW	0.60		
2700					ECUV1H272*UV	0.80			ECUV1H272*UN	0.60			ECUV1H272*UW	0.60		
3000													ECUV1H302JUW	0.60		
3300													ECUV1H332*UW	0.60		
3600													ECUV1H362JUW	0.60		
3900													ECUV1H392*UW	0.60		
4300													ECUV1H432JUW	0.60		
4700													ECUV1H472*UW	0.60		
5100													ECUV1H512JUW	0.60		
5600													ECUV1H562*UW	0.60		

*** : Capacitance Tolerance Code

11th Nov. 1999
Matsushita Electronic Components Co., Ltd.
Ceramic Division Engineering Section

Multilayer Ceramic Chip Capacitors Part Numbers Comparison List

Rated Power (W)	*10(04)2type								*11(06)3type								*12(08)5type																			
	50V D.C.				25VDC				16VDC(1C), 10VDC(1A)				50VDC				25VDC				16VDC(1C), 10VDC(1A), 6.3VDC(U)				50VDC				25VDC				16VDC(1C), 10VDC(1A), 6.3VDC(U)			
	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T	End PIN	Dim.T	New PIN	Dim.T				
100	ECUE1H101BQ	0.50	ECJ0EB1E101*	0.50	ECUE1E101BQ	0.50	ECJ0EB1E101*	0.50																												
120	ECUE1H121KBQ	0.50	ECJ0EB1H121K	0.50	ECUE1E121KBQ	0.50	ECJ0EB1E121K	0.50																												
150	ECUE1H151BQ	0.50	ECJ0EB1H151*	0.50	ECUE1E151BQ	0.50	ECJ0EB1E151*	0.50																												
180	ECUE1H181KBQ	0.50	ECJ0EB1H181K	0.50	ECUE1E181KBQ	0.50	ECJ0EB1E181K	0.50																												
220	ECUE1H221BQ	0.50	ECJ0EB1H221*	0.50	ECUE1E221BQ	0.50	ECJ0EB1E221*	0.50																												
270	ECUE1H271KBQ	0.50	ECJ0EB1H271K	0.50	ECUE1E271KBQ	0.50	ECJ0EB1E271K	0.50																												
330	ECUE1H331BQ	0.50	ECJ0EB1H331*	0.50	ECUE1E331BQ	0.50	ECJ0EB1E331*	0.50																												
390	ECUE1H391KBQ	0.50	ECJ0EB1H391K	0.50	ECUE1E391KBQ	0.50	ECJ0EB1E391K	0.50																												
470	ECUE1H471BQ	0.50	ECJ0EB1H471*	0.50	ECUE1E471BQ	0.50	ECJ0EB1E471*	0.50																												
560	ECUE1H561KBQ	0.50	ECJ0EB1H561K	0.50	ECUE1E561KBQ	0.50	ECJ0EB1E561K	0.50																												
680	ECUE1H681BQ	0.50	ECJ0EB1H681*	0.50	ECUE1E681BQ	0.50	ECJ0EB1E681*	0.50																												
820	ECUE1H821KBQ	0.50	ECJ0EB1H821K	0.50	ECUE1E821KBQ	0.50	ECJ0EB1E821K	0.50																												
1000	ECUE1H1012BQ	0.50	ECJ0EB1H102*	0.50	ECUE1E102BQ	0.50	ECJ0EB1E102*	0.50																												
1200	ECUE1H122KBQ	0.50	ECJ0EB1H122K	0.50	ECUE1E122KBQ	0.50	ECJ0EB1E122K	0.50																												
1500	ECUE1H152BQ	0.50	ECJ0EB1H152*	0.50	ECUE1E152BQ	0.50	ECJ0EB1E152*	0.50																												
1800	ECUE1H182KBQ	0.50	ECJ0EB1H182K	0.50	ECUE1E182KBQ	0.50	ECJ0EB1E182K	0.50																												
2200	ECUE1H222BQ	0.50	ECJ0EB1H222*	0.50	ECUE1E222BQ	0.50	ECJ0EB1E222*	0.50																												
2700	ECUE1H272KBQ	0.50	ECJ0EB1H272K	0.50	ECUE1E272KBQ	0.50	ECJ0EB1E272K	0.50																												
3300	ECUE1H332BQ	0.50	ECJ0EB1H332*	0.50	ECUE1E332BQ	0.50	ECJ0EB1E332*	0.50																												
3900	ECUE1H392KBQ	0.50	ECJ0EB1H392K	0.50	ECUE1E392KBQ	0.50	ECJ0EB1E392K	0.50																												
4700					ECUE1E472BQ	0.50	ECJ0EB1E472*	0.50																												
5600					ECUE1E562KBQ	0.50	ECJ0EB1E562K	0.50																												
6800					ECUE1E682BQ	0.50	ECJ0EB1E682*	0.50																												
8200					ECUE1E822KBQ	0.50	ECJ0EB1E822K	0.50																												
10000					ECUE1C103BQ	0.50	ECJ0EB1C103*	0.50																												
12000					ECUE1C123KBQ	0.50	ECJ0EB1C123K	0.50																												
15000					ECUE1C153BQ	0.50	ECJ0EB1C153*	0.50																												
18000					ECJ0EB1C183K	0.50	ECJ0EB1C183K	0.50																												
22000					ECJ0EB1C223*	0.50	ECJ0EB1C223*	0.50																												
27000					ECJ0EB1A273K	0.50	ECJ0EB1A273K	0.50																												
33000					ECJ0EB1A333*	0.50	ECJ0EB1A333*	0.50																												
39000					ECJ0EB1A393K	0.50	ECJ0EB1A393K	0.50																												
47000					ECJ0EB1A473*	0.50	ECJ0EB1A473*	0.50																												
56000					ECJ0EB1A563K	0.50	ECJ0EB1A563K	0.50																												
68000					ECJ0EB1A683*	0.50	ECJ0EB1A683*	0.50																												
82000					ECJ0EB1A823K	0.50	ECJ0EB1A823K	0.50																												
100000					ECJ0EB1A104*	0.50	ECJ0EB1A104*	0.50																												
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*** : Capacitance Tolerance Code □K(±10%)□or□M(±20%)

14th. Dec. 1999
Matsushita Electronic Components Co.; Ltd
Ceramic Division Engineering Section

Multilayer Ceramic Chip Capacitors Part Numbers Comparison List

Temp.Char. : F(Y5V)

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11th.Nov.1999
Matsushita Electronic Components Co.,Ltd.
Ceramic Division Engineering Section