

Product Change Notice: Moisture-Proof Packaging for ECW-U and ECP-U Series Surface Mount Film Capacitors

PCN.PG22.04.11.2013

04/11/13

About this Notice:

Panasonic is going to change packaging for ECW-U and ECP-U Series Surface Mount Film Capacitors to comply with JEDEC MSL (Moisture Sensitivity Level) specifications. Please see below for more details.

Effective Date:

June 1, 2013 (factory production date)

Change Details:

ECW-U and ECP-U Series Surface Mount Film Capacitors will be packaged under the MSL 4 specifications. This change will enable the parts to withstand higher peak reflow temperature. No part number change is involved.

The metalized packaging currently being used is zip locked with the product inside. Alongside the zip lock packaging, future packaging will be vacuumed and heat sealed. An MSL label recommending appropriate conditions will also be seen outside the packaging. Please see below for changes.

Current packaging:



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Future Packaging:



Exceptions: Part numbers ECW-U1104V33, ECW-UC2J223JV, ECW-UC2J273JV and ECW-UC2J333JV are MSL 3 compliant. These newer generation parts are able to withstand moisture better.

Affected Parts:

Please see attached spreadsheet.

Datasheet(s):

ECW-U(X) series: <http://industrial.panasonic.com/www-data/pdf/ABD0000/ABD0000CE15.pdf>
 ECWU-(C) series: <http://industrial.panasonic.com/www-data/pdf/ABD0000/ABD0000CE1.pdf>
 ECWU-(V16) series: <http://industrial.panasonic.com/www-data/pdf/ABD0000/ABD0000CE37.pdf>
 ECP-U(A) series: <http://industrial.panasonic.com/www-data/pdf/ABD0000/ABD0000CE12.pdf>

Notes:

Mfr Part No	Last Time Buy	Last Ship Date	Replacement Part
ECP-U1C104MA5			
ECP-U1C105MA5			
ECP-U1C154MA5			
ECP-U1C224MA5			
ECP-U1C334MA5			
ECP-U1C474MA5			
ECP-U1C684MA5			
ECW-U1102JX5			
ECW-U1103JX5			
ECW-U1104JC9			
ECW-U1104KC9			
ECW-U1104V33			
ECW-U1105KCV			
ECW-U1122JX5			
ECW-U1123JC9			
ECW-U1123KC9			
ECW-U1124JC9			
ECW-U1124KC9			
ECW-U1152JX5			
ECW-U1153JC9			
ECW-U1153KC9			
ECW-U1154JC9			
ECW-U1154KC9			
ECW-U1182JX5			
ECW-U1183JC9			
ECW-U1183KC9			
ECW-U1184KC9			
ECW-U1222JX5			
ECW-U1223JC9			
ECW-U1223KC9			
ECW-U1224KC9			
ECW-U1272JX5			
ECW-U1273JC9			
ECW-U1273KC9			
ECW-U1274KC9			
ECW-U1332JX5			
ECW-U1333JC9			
ECW-U1333KC9			
ECW-U1334KC9			
ECW-U1392JX5			
ECW-U1393JC9			
ECW-U1393KC9			
ECW-U1394KCV			
ECW-U1472JX5			
ECW-U1473JC9			
ECW-U1473KC9			
ECW-U1474KCV			
ECW-U1562JX5			
ECW-U1563JC9			
ECW-U1563KC9			
ECW-U1564KCV			
ECW-U1682JX5			
ECW-U1683JC9			
ECW-U1683KC9			
ECW-U1684KCV			
ECW-U1822JX5			
ECW-U1823JC9			
ECW-U1823KC9			
ECW-U1824KCV			
ECW-U1C124JC9			
ECW-U1C154JC9			
ECW-U1C184JC9			
ECW-U1C224JC9			

ECW-U1C274JC9
ECW-U1C334JC9
ECW-U1C394JC9
ECW-U1C474JC9
ECW-U2102JC9
ECW-U2102KC9
ECW-U2102V16
ECW-U2103JC9
ECW-U2103KC9
ECW-U2103V16
ECW-U2104JC9
ECW-U2104KC9
ECW-U2104V16
ECW-U2105KCZ
ECW-U2122JC9
ECW-U2122KC9
ECW-U2122V16
ECW-U2123JC9
ECW-U2123KC9
ECW-U2123V16
ECW-U2124JC9
ECW-U2124KC9
ECW-U2124V16
ECW-U2152JC9
ECW-U2152KC9
ECW-U2152V16
ECW-U2153JC9
ECW-U2153KC9
ECW-U2153V16
ECW-U2154KCV
ECW-U2182JC9
ECW-U2182KC9
ECW-U2182V16
ECW-U2183JC9
ECW-U2183KC9
ECW-U2183V16
ECW-U2184KCV
ECW-U2222JC9
ECW-U2222KC9
ECW-U2222V16
ECW-U2223JC9
ECW-U2223KC9
ECW-U2223V16
ECW-U2224KCV
ECW-U2272JC9
ECW-U2272KC9
ECW-U2272V16
ECW-U2273JC9
ECW-U2273KC9
ECW-U2273V16
ECW-U2274KCV
ECW-U2332JC9
ECW-U2332KC9
ECW-U2332V16
ECW-U2333JC9
ECW-U2333KC9
ECW-U2333V16
ECW-U2334KCV
ECW-U2392JC9
ECW-U2392KC9
ECW-U2392V16
ECW-U2393JC9
ECW-U2393KC9
ECW-U2393V16

ECW-U2394KCV
ECW-U2472JC9
ECW-U2472KC9
ECW-U2472V16
ECW-U2473JC9
ECW-U2473KC9
ECW-U2473V16
ECW-U2474KCV
ECW-U2562JC9
ECW-U2562KC9
ECW-U2562V16
ECW-U2563JC9
ECW-U2563KC9
ECW-U2563V16
ECW-U2564KCZ
ECW-U2682JC9
ECW-U2682KC9
ECW-U2682V16
ECW-U2683JC9
ECW-U2683KC9
ECW-U2683V16
ECW-U2684KCZ
ECW-U2822JC9
ECW-U2822KC9
ECW-U2822V16
ECW-U2823JC9
ECW-U2823KC9
ECW-U2823V16
ECW-U2824KCZ
ECW-U4102V17
ECW-U4103V17
ECW-U4104V17
ECW-U4122V17
ECW-U4123V17
ECW-U4124V17
ECW-U4152V17
ECW-U4153V17
ECW-U4154V17
ECW-U4182V17
ECW-U4183V17
ECW-U4222V17
ECW-U4223V17
ECW-U4272V17
ECW-U4273V17
ECW-U4332V17
ECW-U4333V17
ECW-U4392V17
ECW-U4393V17
ECW-U4472V17
ECW-U4473V17
ECW-U4562V17
ECW-U4563V17
ECW-U4682V17
ECW-U4683V17
ECW-U4822V17
ECW-U4823V17
ECW-UC2J223JV
ECW-UC2J273JV
ECW-UC2J333JV