

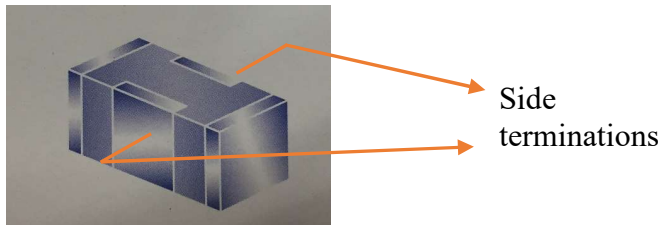
Mar 16th, 2020

PCN (Product Change Notification): 2020/04

Subject: Side Termination Process Change for Surface Mount EMI Filter

Dear Customer,

The purpose of this notification is to advise that the process used to deposit the termination onto the sides of surface mount EMI filter components will change from a transfer print style process to a screen printing process.



The reason for this change is that the ability to purchase tooling for the transfer print process is proving to be difficult and presents a potential risk to the manufacture and supply of these components. Using the alternative screen printing process removes this risk whilst maintaining the same component quality including performance requirements.

Please note that there is no change to the termination material or component specifications.

If you require further information, please contact Knowles sales.

Yours sincerely,



Alice Liu
KCS QA manager
Knowles Capacitors

PCN Details

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KC-F-012 R/1

PCN Reference: 2020/04

PCN Issue Date: Mar 16th, 2020

Product: Three termination parts, including all parts with suffix code, E01, E03, E07 and E17, detailed P/Ns list as attachment.

Syfer part numbers:

Example	0805	J	100	0103	M	X	T	E01PXX
	Case Size	Termination	Voltage	Capacitance	Capacitance Tolerance	Dielectric	Packaging	Suffix Code



PCN affected part numbers with suffix codes E01, E03, E07 and E17

Change Description: Side termination process changed from transfer print to screen print method.

Reasons for Request: Potential risk with current transfer print equipment supplier.

Changes to Form, Fit or Function: None

Changes to Quality or Reliability: None

Changes to Part Numbers: None

Qualification Results: Passed, including function, appearance, dimension, solderability and reliability test. Data available on request.

Are Samples Available? Samples available on request.

Implementation date: Jun 19th, 2020

Part number list manufactured in last 2 years as below.

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Parts manufactured >2years previously have not been included in the following table but are also subject to this PCN.

Suffix codes E01:

0805J0250472MXBE01	0805J1000220MCTE01	1206J0500220MCTE01	1806J0500102MCTE01
0805Y0250104MXTE01	0805J1000330MCTE01	1206J0500220MCBE01	1806A0500223MXBE01
0805J0500220MCBE01	0805J1000470MCTE01	1206J0500223MXTE01	1806J0500104MXTE01
0805J0500470MCBE01	0805J1000470MCTE01PXX	1206J0500473MXTE01	1806A0500204MXBE01
0805J0500101MCBE01	0805J1000101MCBE01	1206J0500473MXBE01	1806J1000220MCTE01
0805Y0500101MCTE01	0805J1000101MCTE01	1206J1000220MCTE01	1806J1000220MCBE01
0805J0500101MCTE01	0805J1000221MCTE01	1206J1000470MCTE01	1806J1000470MCTE01
0805J0500821MCTE01	0805J1000221MARE01	1206J1000101MCTE01	1806J1000101MCTE01
0805Y1000103METE01	0805J1000221MCTE01PXX	1206J1000101MCBE01	1806J1000101MCTE01PXX
0805J0500223MXTE01	0805J1000331MCTE01	1206J1000471MCTE01	1806J1000101MCBE01
0805J0500223MXRE01AA	0805J1000471MATE01	1206J1000471MCBE01	1806J1000221MCTE01
0805Y0500223MXTE01	0805J1000471MCTE01	1206J1000221MCTE01	1806J1000221MCTE01PXX
0805J0500223MXTE01PXX	0805J1000471MCTE01PXX	1206J1000102MCTE01	1806J1000221MCRE01PXX
0805J0500223MXRE01AA	0805J1000102KXTE01	1206J1000222MXTE01	1806J1000221MCBE01
0805J0500473MXTE01	0805J1000102MXTE01	1206J1000472MXTE01	1806J1000471MCTE01
	0805Y1000102MXTE01	1206J1000472MXBE01	1806J1000222MCTE01
	0805J1000102MXTE01PXX	1206J1000103MXTE01	1806J1000222MCTE01PXX
	0805J1000222MXTE01		1806J1000222MXTE01
	0805J1000222MXRE01AA		1806J1000103MXTE01
	0805J1000222MXTE01AA		1806J1000223MXTE01
	0805Y1000222MXTE01		1806J1000223MXBE01
	0805A1000222MXTE01		1806J1000473MXTE01
	0805J1000332MXTE01		1806J1000103MXBE01
	0805J1000472MXTE01PXX		
	0805J1000472MXTE01		
	0805J1000103MXTE01		
	0805Y1000103MXBE01		
	0805Y1000103MXTE01		
	0805J1000103MXTE01PXX		

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Suffix codes E03:

0805J0500471MCTE03	0805J1000100MCTE03	1206J0500104MXTE03	1410Y1000104METE03	1812Y0500444MXBE03
0805J0500471MCBE03	0805J1000220MCTE03	1206Y0500222MXTE03	1410Y1000104MXTE03	1812Y0500474METE03F9
0805J0500471MATE03F9	0805J1000220MCBE03	1206Y0500224MXTE03	1410Y1000104MXBE03	1812Y0500474METE03FG2
0805J0500103MXTE03	0805J1000470MCTE03	1206Y0500154METE03	1410Y0500224MEBE03	1812J0500474MXTE03
0805Y0500223MXTE03	0805J1000470MATE03F9	1206Y0500154MXBE03	1410Y0500224METE03	1812Y0500444MXTE03
0805J0500223MXTE03	0805J1000470MCBE03	1206Y0500224MXBE03	1410Y0500224MXBE03	1812Y0500474MXTE03
0805J0500223MXBE03	0805J1000470MATE03FG2	1206J1000220MCBE03	1410Y0500404MXTE03	1812Y0500474METE03
0805J0250223MXBE03	0805J1000470MATE03	1206J1000470MCBE03	1410J0500404MXBE03	1812Y0500474METE03FG2
0805Y0500223MXBE03	0805J1000101MCBE03	1206J1000560MCBE03	1410J0500404MXTE03	1812J0500474MXBE03
0805Y0500333METE03	0805J1000101MCTE03	1206J1000560MCTE03	1410Y0500404MXBE03	1812Y0500474MXBE03
0805J0500473MXTE03	0805J1000151MCTE03	1206J1000221MCBE03		1812J0500564MXBE03
0805J0500473MXBE03	0805J1000151MCBE03	1206J2000102MXBE03		1812Y0500564MXTE03
0805J0500473MXRE03	0805J1000221MCBE03	1206J1000102MXTE03		1812Y0500684MXTE03
0805Y0250563MXTE03	0805J1000471MXTE03	1206Y1000222MXTE03		1812Y0500684MXBE03
	0805Y1000221MCBE03	1206Y1000222MXBE03		1812J1000103MXTE03
	0805Y1000221MCTE03	1206J1000472MXTE03		1812J1000103MXBE03
	0805J1000221MCTE03	1206Y1000103MXTE03		1812J5000393MXBE03
	0805J1000331MCTE03	1206Y1000103MXBE03		1812Y5000393MXBE03
	0805J1000331MCBE03	1206J1000223MXBE03		1812J0500393MXBE03
	0805Y1000102MXBE03	1206J1000223MXTE03		1812J5000393MXTE03
	0805Y1000102METE03	1206J1000473MXTE03		1812Y1000104MXBE03
	0805Y1000102MXTE03	1206J1000473MXBE03		1812Y1000104METE03
	0805J1000102MXTE03F9	1206J0500104MXBE03		1812Y5000104MXTE03
	0805J1000102MXTE03	1206J0500184MXBE03		1812Y1000224MXBE03
	0805J1000102MXBE03	1206J0500224MXTE03		1812Y1000224MEBE03
	0805Y1000222MXBE03			1812Y1000224METE03
	0805Y1000222METE03			1812Y1000334MXTE03
	0805Y1000222MERE03			1812J1000334MXBE03
	0805J1000222MXBE03			1812J0500564MXTE03
	0805J1000103MXTE03			1812J1000334MXTE03
	0805Y1000103MXTE03			1812Y5000104MXBE03
	0805J1000103MXBE03			
	0805Y1000103MEBE03			
	0805J1000153MXTE03			
	0805J1000153MXBE03			
	0805J1000223MXTE03			
	0805J1000223MXBE03			

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Suffix codes E07:

0805J0250104MXTE07	0805J1000220MCTE07	1206J0250154MXBE07	1812Y0250105MXBE07
0805J0500220MCBE07	0805J1000220MCBE07	1206J0500471MCTE07	1812Y0250105MXTE07
0805J0500220MCTE07	0805J1000470MCTE07	1206Y0500103MXBE07	1812A0500125MXBE07
0805J0500470MCTE07	0805J1000101MCRE07	1206Y0500103MXTE07	1812A0500125MXTE07
0805J0500470MCBE07	0805J1000101MCTE07	1206J0500103MJTE17	1812J0250155MXTE07
0805J0500101MCTE07	0805Y1000102MXBE07	1206J0500153MJTE17	1812J1000474MXBE07
0805J0500101MCBE07	0805J1000102MXTE07	1206J0500223MXTE07	
0805J0500221MCTE07	0805J1000102MXBE07	1206J0500223MXTE07PXX	
0805Y0500223MXTE07	0805Y1000222MXTE07	1206Y0500223MXTE07	
0805J0500473MXBE07	0805Y1000222MXBE07	1206J0500473MXBE07	
0805J0500473MXTE07	0805J1000222MXBE07	1206J0500473MXTE07	
0805Y0500473MXTE07	0805J1000332MXTE07	1206J0500683MXBE07	
0805H0500473MXTE07	0805J1000103MXTE07	1206J0500104MXTE07	
	0805J1000103MXBE07	1206Y0500104MXTE07	
	0805Y1000223MXTE07	1206J0500104MXBE07	
	0805J1000223MXTE07	1206Y0500224MXBE07	
	0805A0250104MXTE07	1206Y0500224MXTE07	
	0805Y1000223MXBE07	1206Y1000103MXTE07	
		1206J1000103MXTE07	
		1206J1000103MXBE07	
		1206J1000223MXTE07	
		1206Y2000223MXBE07	
		1206J1000683MXBE07	
		1206J2000220MCBE07	
		1206J2000470MCBE07	

Suffix codes E17:

1206J0500103MJTE17
1206J0500153MJTE17

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