

8th May 2026

Advisory Note reference: **2026/03**

Subject: Dielectric Code Change for X7R Commercial Grade Part Numbers

Dear Customer,

Thank you for your ongoing support. We are updating the part-numbering codes for our commercial-grade MLCCs to streamline our ordering process. Please note these changes for Knowles commercial X7R ranges:

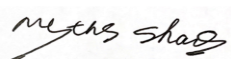
- The 'J' dielectric code in part number should no longer be used for new designs.
- Use the 'X' dielectric code in the part number instead.

Example	Case Size	Termination	Voltage	Capacitance	Tolerance	Dielectric	Packaging
Old PN Format X7R	1812	J	200	104	K	J	T
New PN Format X7R	1812	J	200	104	K	X	T

Existing 'J' dielectric code part numbers are now classified as 'Not Recommended for New Design' (NRND). Consequently, the 'J' dielectric code should no longer be used for part numbers; please use the 'X' dielectric code moving forward. This transition involves no changes to materials, manufacturing processes, physical dimensions, or electrical specifications.

If you require further information, please contact your Knowles Customer Service contact.

Yours sincerely,



Myths Shang
Quality Manager Knowles Suzhou

PCN Details

PCN reference:	202603
PCN Issue Date:	08 th MAY 2026
Product Families:	Knowles X7R Commercial Grade Part Numbers
Change Description:	Dielectric Code Change for X7R Commercial Grade Part Numbers
Reasons for Request:	Updating the part-numbering codes for our commercial-grade MLCCs to streamline our ordering process
Changes to Form, Fit or Function:	No change.
Changes to Quality or Reliability:	None
Changes to Part Numbers:	Refer to appendix 1 (Part number list)
Qualification Results:	None
Are Samples Available?	None
Implementation date:	Immediately after PCN date

Appendix 1 (Part Number List)

KNOWLES PART	KNOWLES PART
0805J0500104KJT	1210J5000473KJT
0805J0500104KJT	1210J1K00222KJT
0805J0500104KJT	1210Y5000104KJT
0805Y1K00221KJT	1210J5000104KJT
0805Y1K00221KJT	1812Y2K00222KJT
0805J1K00221KJT	1812Y5000224KJT
0805J0500104KJT	1812J2K00222KJT
0805J0500104KJT	1812Y1K00103KJT
0805J6000271KJT	1812Y1K00103KJT
1206J6300473KJT	1812Y5000224KJT
1206J1K00471KJT	1812J2K00222KJT
1206Y5000473KJT	1812Y2K00472KJT
1206Y5000332KJT	1812Y2K00103KJT
1206Y2K00102KJT	1812Y1K00103KJT
1206Y5000473KJT	1812Y2K00472KJT
1206Y5000473KJT	1812Y2K00472KJT
1206J6300473KJT	1812Y2K00102KJT
1206Y5000473KJT	1812J2K00222KJT
1206J2000104KJT	1812Y2K00102KJT
1206J2K00471KJT	1812Y2K00103KJT
1206Y2K00102KJT	1812Y1K00103KJT
1206J6300473KJT	1812Y1K00103KJT
1206J6300473KJT	1812Y2K00472KJT
1210J5000473KJT	2220Y6300224KJT
1210J5000473KJT	