



Conversion Dates to Pb Free Dielectric -Revision E, January 2014

- For use as a guideline only.
- Contact your local KEMET representative for specific lot information.
- Conversion date does not mean supply chain inventory "clean date".
- Conversion date cannot be correlated to finishing lot or date code.
- Lot/Date codes issued after conversion date may use Pb dielectric until semi-finished inventory depleted.
- Product must be ordered with the correct Pb Free termination material code to be RoHS compliant.
- Refer to RoHS Compliance Marking on labels (EZ-ID)

Reel level **KEMET EZ ID** label indicates product content relative to substance restrictions of the EU RoHS Directive, 2011/65/EU and China RoHS.
RoHS-PRC = Meets criteria without exemption
RoHS-EU = Meets criteria with exemption
RoHS-NO = Does not meet criteria



Product type	Dielectric	Chip size	Voltages	Cap code	Conversion date to Pb Free Dielectric
Standard, COTS, AUTO	X7R	0402	9, 8, 4, 3, 5	100 - 104	Before July 2010
Standard, COTS, AUTO	X7R	0603	9, 8, 4, 3, 5, 1, 2	100 - 105	Before July 2010
Standard, COTS, AUTO	X7R	0805	9, 8, 4, 3, 5, 1, 2	100 - 106	Before July 2010
Standard, COTS, AUTO	X7R	1206	9, 8, 4, 3, 5, 1, 2	100 - 226	Before July 2010
Standard, COTS, AUTO	X7R	1210	9, 8, 4, 3, 5, 1, 2	100 - 476	Before July 2010
Standard, COTS, AUTO	X7R	1812	3, 5, 1, 2	471 - 106	Before July 2010
Standard, COTS, AUTO	X7R	1825	5, 1, 2	392 - 225	Before July 2010
Standard, COTS, AUTO	X7R	2220	3, 5, 1, 2	682 - 226	Before July 2010
Standard, COTS, AUTO	X7R	2225	5, 1, 2	472 - 225	Before July 2010
Arrays Standard	X7R	1632	8, 4, 3, 5, 1, 2	271 - 104	Jul-12
Arrays AUTO	X7R	1632	8, 4, 3, 5, 1, 2	271 - 104	Aug-12
Standard, COTS, AUTO	C0G	0201	3	100 - 101	Before July 2010
Standard, COTS, AUTO	C0G	0402	8, 4, 3, 5, 1	508 - 222	Before July 2010
Standard, COTS, AUTO	C0G	0603	8, 4, 3, 5, 1, 2	508 - 153	Before July 2010
Standard, COTS, AUTO	C0G	0805	8, 4, 3, 5, 1, 2	508 - 473	Before July 2010
Standard, COTS, AUTO	C0G	1206	8, 4, 3, 5, 1, 2	508 - 104	Before July 2010
Standard, COTS, AUTO	C0G	1210	8, 4, 3, 5, 1, 2	109 - 224	Before July 2010
Standard, COTS	C0G	1812	5, 1, 2	471 - 224	Before July 2010
AUTO	C0G	1812	5, 1, 2	471 - 224	Sep-11
Standard, COTS	C0G	1825	2	103 - 123	Jun-11
AUTO	C0G	1825	2	103 - 123	Sep-11
Standard, COTS	C0G	1825	2	392 - 822	Before July 2010
AUTO	C0G	1825	2	392 - 822	Sep-11
Standard, COTS	C0G	1825	1, 5	392 - 173	Before July 2010
AUTO	C0G	1825	1, 5	392 - 173	Sep-11
Standard, COTS	C0G	1825	1	183 - 273	Jun-11
AUTO	C0G	1825	1	183 - 273	Sep-11
Standard, COTS	C0G	1825	5	183 - 273	Before July 2010

Product type	Dielectric	Chip size	Voltages	Cap code	Conversion date to Pb Free Dielectric
AUTO	C0G	1825	5	183 - 273	Sep-11
Standard, COTS, AUTO	C0G	2220	5, 1	682 - 183	Jun-11
Standard, COTS, AUTO	C0G	2220	1	223 - 334	Before July 2010
Standard, COTS, AUTO	C0G	2220	5	193 - 273	Jun-11
Standard, COTS, AUTO	C0G	2220	5	333 - 474	Before July 2010
Standard, COTS	C0G	2225	5, 1, 2	472 - 333	May-11
AUTO	C0G	2225	5, 1, 2	472 - 333	Sep-11
Arrays Standard	C0G	1632	4, 3, 5, 1, 2	100 - 471	Aug-12
Arrays AUTO	C0G	1632	4, 3, 5, 1, 2	100 - 471	Dec-12
Standard	Z5U	0805	5, 1	682 - 104	Before July 2010
Standard	Z5U	1206	5, 1	103 - 224	Before July 2010
Standard	Z5U	1210	5, 1	473 - 105	Before July 2010
Standard	Z5U	1812	5, 1	823 - 105	Before July 2010
Standard	Z5U	1825	5, 1	184 - 225	Before July 2010
Standard	Z5U	2225	5, 1	334 - 225	Before July 2010
Standard	Y5V	0402	9, 8, 4	223 - 225	Before July 2010
Standard	Y5V	0603	9, 8, 4, 3	223 - 105	Before July 2010
Standard	Y5V	0805	9, 8, 4, 3, 5	223 - 106	Before July 2010
Standard	Y5V	1206	9, 8, 4, 3	224 - 226	Before July 2010
Standard	Y5V	1210	9, 8, 4, 3, 5	224 - 226	Before July 2010
Standard	X5R	0402	7, 9, 8, 4	123 - 475	Before July 2010
Standard	X5R	0603	9, 8, 4	274 - 106	Before July 2010
Standard	X5R	0805	7, 9, 8, 4	474 - 476	Before July 2010
Standard	X5R	1206	9, 8, 4	274 - 107	Before July 2010
Standard	X5R	1210	9, 8, 4, 3, 6, 5	394 - 107	Before July 2010
OFM Standard & AUTO	X7R	0805	4, 3, 5, 1, 2	102 - 684	Before July 2010
OFM Standard & AUTO	X7R	1206	4, 3, 5, 1, 2	183 - 475	Before July 2010
OFM Standard & AUTO	X7R	1210	4, 3, 5, 1, 2	683 - 685	Before July 2010
OFM Standard & AUTO	X7R	1812	3, 5, 1, 2	473 - 475	Before July 2010
Standard & AUTO	X8L	0402	8, 3	123 - 473	Before July 2010
Standard & AUTO	X8L	0603	8, 3, 5	473 - 224	Before July 2010
Standard & AUTO	X8L	0805	8, 3, 5	154 - 105	Before July 2010
Standard & AUTO	X8L	1206	8, 3, 5	474 - 475	Before July 2010
Standard & AUTO	X8L	1210	8, 3, 5	394 - 106	Before July 2010
High Temp Standard & AUTO	C0G	0402	8, 4, 3, 5, 1, 2	508 - 222	Before July 2010
High Temp Standard & AUTO	C0G	0603	8, 4, 3, 5, 1, 2	508 - 153	Before July 2010
High Temp Standard & AUTO	C0G	0805	8, 4, 3, 5, 1, 2	508 - 473	Before July 2010
High Temp Standard & AUTO	C0G	1206	8, 4, 3, 5, 1, 2	508 - 104	Before July 2010
High Temp Standard & AUTO	C0G	1210	8, 4, 3, 5, 1, 2	109 - 224	Before July 2010
High Temp Standard & AUTO	C0G	1812	5, 1	153 - 224	Before July 2010

Product type	Dielectric	Chip size	Voltages	Cap code	Conversion date to Pb Free Dielectric
Floating electrode Standard & AUTO	X7R	0402	9, 8, 4, 3, 5	151 - 102	Before July 2010
Floating electrode Standard & AUTO	X7R	0603	9, 8, 4, 3, 5, 1, 2	181 - 223	Before July 2010
Floating electrode Standard & AUTO	X7R	0805	9, 8, 4, 3, 5, 1, 2, A	181 - 104	Before July 2010
Floating electrode Standard & AUTO	X7R	1206	9, 8, 4, 3, 5, 1, 2, A	102 - 124	Before July 2010
Floating electrode Standard & AUTO	X7R	1210	9, 8, 4, 3, 5, 1, 2, A	222 - 224	Before July 2010
Floating electrode Standard & AUTO	X7R	1812	3, 5, 1, 2, A	682 - 224	Before July 2010
High Voltage Standard & AUTO	X7R	0805	C, B, D	100 - 123	Before July 2010
High Voltage Standard & AUTO	X7R	1206	C, B, D, F, G	100 - 683	Before July 2010
High Voltage Standard & AUTO	X7R	1210	C, B, D, F, G	100 - 121	Jan-12
High Voltage Standard & AUTO	X7R	1210	G	131 - 472	Before July 2010
High Voltage Standard & AUTO	X7R	1210	C, B, D, F	131 - 473	Before July 2010
High Voltage Standard & AUTO	X7R	1808	H	690 - 102	Before July 2010
High Voltage Standard & AUTO	X7R	1808	C, B, D, F, G, Z, H	100 - 900	Oct-11
High Voltage Standard & AUTO	X7R	1808	C, B, D, F, G, Z	340 - 900	Oct-11
High Voltage Standard & AUTO	X7R	1808	C, B, D, F, G	910 - 111	Oct-11
High Voltage Standard & AUTO	X7R	1808	Z	910 - 102	Before July 2010
High Voltage Standard & AUTO	X7R	1808	C, B, D, F, G	121 - 563	Before July 2010
High Voltage Standard & AUTO	X7R	1812	C, B, D, F, G, Z, H	100 - 141	Oct-11
High Voltage Standard & AUTO	X7R	1812	C, B, D, F, G, Z, H	151 - 823	Before July 2010
High Voltage Standard & AUTO	X7R	1825	C, B, D, F, G, Z, H	101 - 321	Dec-13
High Voltage Standard & AUTO	X7R	1825	H	331 - 222	Before July 2010
High Voltage Standard & AUTO	X7R	1825	C, B, D, F, G, Z	191 - 184	Before July 2010
High Voltage Standard & AUTO	X7R	2220	C, B, D, F, G, Z, H	101 - 321	Dec-11
High Voltage Standard & AUTO	X7R	2220	H	331 - 272	Before July 2010
High Voltage Standard & AUTO	X7R	2220	C, B, D, F, G, Z	331 - 184	Before July 2010
High Voltage Standard & AUTO	X7R	2225	C, B, D, F, G, Z, H	101 - 461	Oct-11
High Voltage Standard & AUTO	X7R	2225	H	471 - 392	Before July 2010
High Voltage Standard & AUTO	X7R	2225	C, B, D, F, G, Z	471 - 224	Before July 2010
High Voltage Standard & AUTO	C0G	0805	C, B, D	109 - 241	Before July 2010
High Voltage Standard & AUTO	C0G	1206	C, B, D, F, G	100 - 102	Before July 2010
High Voltage Standard & AUTO	C0G	1210	C, B, D, F, G	100 - 332	Jan-12
High Voltage Standard & AUTO	C0G	1808	C, B, D, F, G, Z, H	109 - 272	Jul-10
High Voltage Standard & AUTO	C0G	1812	C, B, D, F, G, Z, H	100 - 392	Jul-10
High Voltage Standard & AUTO	C0G	1825	C, B, D, F, G, Z, H	100 - 822	Conversion in progress
High Voltage Standard & AUTO	C0G	2220	C, B, D, F, G, Z, H	100 - 822	Dec-11
High Voltage Standard & AUTO	C0G	2225	C, B, D, F, G, Z, H	100 - 103	Jul-10