



2835 Kemet way Simpsonville,  
South Carolina 29681, USA

**MATERIALS DECLARATION**

**Ceramic Capacitor**

<b>Product family :</b>	SMD	<b>KEMET Part Number(s) :</b>	See next page
<b>Weight ( 1206 ) :</b>	21.857 mg	<b>RoHS Compliant :</b>	YES
<b>Weight ( 1210 ) :</b>	44.301 mg	<b>EIA Size(s) :</b>	1206 / 1210 / 1808 / 1812 / 1825 / 2220 / 2225
<b>Weight ( 1808 ) :</b>	51.749 mg	<b>EIA Dielectric :</b>	NPO
<b>Weight ( 1812 ) :</b>	89.660 mg	<b>Cap, Volt, Tolerance :</b>	all
<b>Weight ( 1825 ) :</b>	142.172 mg	<b>Customer part number(s) :</b>	No Specified
<b>Weight ( 2220 ) :</b>	291.842 mg		
<b>Weight ( 2225 ) :</b>	291.842 mg		
<b>Date :</b>	7/8/2015		

Construction Element	Substance	Comm. name	CAS #	Max. % by weight
Ceramic body & Dielectric	Oxygen	O	7782-44-7	24.11%
	Calcium	Ca	7440-70-2	12.61%
	Strontium	Sr	7440-24-6	12.03%
	Zirconium	Zr	7440-67-7	37.76%
	Nickel (in electrode)	Ni	7440-02-0	5.97%
	Miscellaneous	----	----	1.43%
Termination	Nickel	Ni	7440-02-0	0.73%
	Copper	Cu	7440-50-8	4.32%
	Tin	Sn	7440-31-5	1.04%

<b>Total SUM</b>	<b>100.00%</b>
------------------	----------------

**Important remarks :**

- 1) KEMET Electronics Corporation Material Composition Declarations are based on raw material data and manufacturing processes in use at the time and date of declaration. The information provided is business confidential **prepared exclusively for** business purposes between **KEMET and IHS** and must not be printed, copied, distributed or disclosed to any third party without prior written consent and authorization from KEMET Electronics Corporation. KEMET ACCEPTS NO DUTY TO NOTIFY USERS ABOUT CHANGES TO A MATERIAL DECLARATION. KEMET IS NOT LIABLE FOR ANY DAMAGES, DIRECT OR INDIRECT, CONSEQUENTIAL OR OTHERWISE, THAT THE READER MIGHT INCUR AS A RESULT OF IGNORING THIS WARNING, OR THAT ANY THIRD PARTY MIGHT SUFFER AS A RESULT OF THE READER'S IGNORING THIS WARNING.
- 2) Miscellaneous refers to substances that are below of 0.1% by weight and are not restricted and/or banned substances based on IMDS reportable substance/ban list.
- 3) Values (%) are based on engineering calculations and do not represent exact amount contained in product.
- 4) All statements herein are based in our present knowledge. If products are used properly, there are no risks to humans and/or the environment.
- 5) KEMET reserves the right to change and/or update this information without notification.
- 6) KEMET's web site will be maintained updated to show the most current data.  
<http://www.kemet.com/Green-Product-Roadmap>

Judith Gonzalez  
Product Environmental Compliance Leader  
[E-mail.judithgonzalez@kemet.com](mailto:E-mail.judithgonzalez@kemet.com)

CUSTOMER P/N	KEMET P/N
No Specified	C1206xxxxxxGAC
	C1210xxxxxxGAC
	C1808xxxxxxGAC
	C1812xxxxxxGAC
	C1825xxxxxxGAC
	C2220xxxxxxGAC
	C2225xxxxxxGAC