

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 60156292

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--HU2170CB 001

27.04.2021

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Knowles (UK) Ltd
Hethel Engineering Centre,
Chapman Way, Hethel,
Norwich Norfolk,
NR14 8FB
United Kingdom

Fertigungsstätte *Manufacturing Plant*

Knowles Electronics
(Suzhou) Co. Ltd.
No 20 Chunxing Road
Xiangcheng District
215131 Suzhou
P.R. China

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 60384-14:2013+A1

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

Capacitor X7R Filter Capacitor Family

Type designation:	Class:	Size:	Capacitor range:	
2220wA25xyJzB16	Y2/X1	2220	150pF - 4,7nF	11
2220wA25xyJzB56	Y2/X1	2220	150pF - 4,7nF	
2220wA25xyJzM16	Y2/X1	2220	150pF - 4,7nF	
2220wA25xyJzM56	Y2/X1	2220	150pF - 4,7nF	

Rated voltage (UR): AC 250V
Frequency: 50/60Hz
Dielectric: X7R
Temperature range: -55°C / +125°C
Capacitance Tolerance: ±5% / ±10% / ±20%

Replaces certificate: R 60144894 0001

See details of models and their ratings in Appendix 1.

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ANLAGE (Appendix): Appendix 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle

Gergely Bakos



Zertifikat / Certificate
S 60156292

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Technische Daten / Technical data

List of model variants and their ratings: (keys for the type designation)

2220wA25xyJzB16; 2220wA25xyJzB56; 2220wA25xyJzM16 and 2220wA25xyJzM56:

Ordering Information

Example: 2220 Y A25 0471 J X T B16

<p>Type No/Size ref _____</p> <p>Termination</p> <p>Y: FlexiCap™ termination base with Ni Barrier (100% matte tin plating). RoHS compliant.</p> <p>H: FlexiCap™ termination base with Ni Barrier (Tin/ Lead plating with min 10% Lead).</p> <p>J: Silver base with Nickel Barrier (100% Matte Tin Plating). RoHS compliant.</p> <p>A: Silver base with Nickel Barrier (Tin/ Lead Plating with min 10% Lead)</p> <p>Voltage. A25 = 250Vac _____</p> <p>Capacitance Value</p> <p>First digit - 0</p> <p>Second digit - First significant figure of capacitance value</p> <p>Third digit - Second significant figure of capacitance value</p> <p>Fourth digit - Number of zeros following. eg. 0102 = 1000pF</p>	<p>0471</p> <p>J</p> <p>X</p>	<p>T</p> <p>B16</p> <p>B16 = Syfer Type A. B53 = Syfer Type A. B56 = Syfer Type A. B17 = Syfer Type B. M16 = Syfer Type A Open Mode M56 = Syfer Type A Open Mode</p> <p>Packaging</p> <p>T: 178mm (7") reel R: 330mm (13") reel B: Bulk pack - tubs</p> <p>Dielectric</p> <p>X: X7R Precious metal J: X7R Base metal</p> <p>Capacitance Tolerance code</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><th colspan="2">Stable class (X7R)</th></tr> <tr><td>± 5%</td><td>J</td></tr> <tr><td>± 10%</td><td>K</td></tr> <tr><td>± 20%</td><td>M</td></tr> </table>	Stable class (X7R)		± 5%	J	± 10%	K	± 20%	M
Stable class (X7R)										
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G. Bakos