

End-of-Life Notification

Ceramic Axial/Radial HT Series High Temperature 200°C

EOL-080818-AXM

Date	October 26th ID Number: EOL-080818-AXM																						
Affected Product	<p>Product Grade: Commercial, Industrial Product Series: HT LDD Indust C0G HT200C, HT LDD Indust X7R HT200C Form Factor: Axial/Radial Molded Style: Molded (HT) Voltage Ratings (Vdc): All Dielectrics: All</p> <p>Impacted Catalogs: https://content.kemet.com/datasheets/F3113_Mil_CE_HiVolt_HiTemp.pdf Pag.5-7 http://www.kemet.com/Lists/FileStore/F3106.pdf#page=6 Pag.7-9</p>																						
End-Of-Life Overview	As part of KEMET's on-going product lifecycle management process, Ceramic Axial/Radial HT Series High Temperature 200°C Capacitors will be transitioned to an "End-of-Life" status.																						
Last Time Buy Offering	<p>The following part types are currently available for a last time buy in limited quantities. Last time buy is available until December 30th, 2018.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="background-color: #002060; color: white;">HT Style</th> <th style="background-color: #002060; color: white;">Part type</th> </tr> </thead> <tbody> <tr><td style="background-color: #d9e1f2;">HT05</td><td style="background-color: #d9e1f2;">HT05CN101JN</td></tr> <tr><td style="background-color: #d9e1f2;">HT06</td><td style="background-color: #d9e1f2;">HT06CB105KN</td></tr> <tr><td style="background-color: #d9e1f2;">HT06</td><td style="background-color: #d9e1f2;">HT06CN333FN</td></tr> <tr><td style="background-color: #d9e1f2;">HT06</td><td style="background-color: #d9e1f2;">HT06CW104JN</td></tr> <tr><td style="background-color: #d9e1f2;">HT06</td><td style="background-color: #d9e1f2;">HT06CW104KN</td></tr> <tr><td style="background-color: #d9e1f2;">HT08</td><td style="background-color: #d9e1f2;">HT08BN104JN</td></tr> <tr><td style="background-color: #d9e1f2;">HT08</td><td style="background-color: #d9e1f2;">HT08CN104GN</td></tr> <tr><td style="background-color: #d9e1f2;">HT14</td><td style="background-color: #d9e1f2;">HT14BN103JC</td></tr> <tr><td style="background-color: #d9e1f2;">HT14</td><td style="background-color: #d9e1f2;">HT14BN103KN</td></tr> <tr><td style="background-color: #d9e1f2;">HT14</td><td style="background-color: #d9e1f2;">HT14DN102JC</td></tr> </tbody> </table>	HT Style	Part type	HT05	HT05CN101JN	HT06	HT06CB105KN	HT06	HT06CN333FN	HT06	HT06CW104JN	HT06	HT06CW104KN	HT08	HT08BN104JN	HT08	HT08CN104GN	HT14	HT14BN103JC	HT14	HT14BN103KN	HT14	HT14DN102JC
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HT08	HT08BN104JN																						
HT08	HT08CN104GN																						
HT14	HT14BN103JC																						
HT14	HT14BN103KN																						
HT14	HT14DN102JC																						
Effective Date	December 30 th 2018																						
For General Information Contact	<p>Ana Magaña Technical Product Specialist - Ceramic anamagana@kemet.com</p>																						
Change Details	<p>As part of KEMET's on-going product lifecycle management process, HT series Ceramic High Temperature 200°C Axial/Radial is being transitioned to an "End-of-Life" status.</p> <ul style="list-style-type: none"> This includes all HT High Temperature (+200°C) series part types, axial and radial molded leads. <p>Affected KEMET PNs:</p> <ul style="list-style-type: none"> All PNs containing "HT" in the 1st and 2nd character positions <p>See Product Series Ordering Information section of document for part number format.</p>																						

	<p>Reason for End-Of-Life status:</p> <ul style="list-style-type: none"> Limited demand 								
<p>Alternative Product</p>	<p>Alternative series are:</p> <table border="1"> <thead> <tr> <th data-bbox="293 348 808 386">Discontinued Product</th> <th data-bbox="808 348 1518 386">Alternative Product</th> </tr> </thead> <tbody> <tr> <td data-bbox="293 386 808 701"> High Temperature (+200°C) Radial Ceramic Capacitors HT Series, C0G Dielectric </td> <td data-bbox="808 386 1518 701"> High Temperature 200°C, Radial Molded, C0G dielectric, 50-200 VDC Catalog: http://www.kemet.com/Lists/ProductCatalog/Attachments/550/KEM_C1073_HT_RADIAL_MOLDED_C0G.pdf High Temperature (+200°C) Radial Ceramic Capacitors HP Series Catalog: http://www.kemet.com/Lists/FileStore/F3106.pdf#page=6 </td> </tr> <tr> <td data-bbox="293 701 808 1016"> High Temperature (+200°C) Radial Ceramic Capacitors HT Series, X7R Dielectric </td> <td data-bbox="808 701 1518 1016"> High Temperature 200°C, Radial Molded, X7R Dielectric, 50 – 200 VDC Catalog: http://www.kemet.com/Lists/ProductCatalog/Attachments/549/KEM_C1074_HT_RADIAL_MOLDED_X7R.pdf High Temperature (+200°C) Radial Ceramic Capacitors HP Series Catalog: http://www.kemet.com/Lists/FileStore/F3106.pdf#page=6 </td> </tr> <tr> <td data-bbox="293 1016 808 1171"> High Temperature (+200°C) Axial Ceramic Capacitors HT Series, C0G and X7R Dielectrics </td> <td data-bbox="808 1016 1518 1171"> High Temperature Standard (+200°C) Axial Ceramic Cased Capacitors (C3), ACA/ARA Series Catalog: http://www.kemet.com/Lists/FileStore/ACR_ARR_ACA_ARA.pdf </td> </tr> </tbody> </table> <p>KEMET recommends using Component Edge “Add part to compare” tool to have a quick overview on electrical properties and physical dimensions between the current HT part type and the alternative series part type. Contact your sales representative for more information on alternative part numbers.</p>	Discontinued Product	Alternative Product	High Temperature (+200°C) Radial Ceramic Capacitors HT Series, C0G Dielectric	High Temperature 200°C, Radial Molded, C0G dielectric, 50-200 VDC Catalog: http://www.kemet.com/Lists/ProductCatalog/Attachments/550/KEM_C1073_HT_RADIAL_MOLDED_C0G.pdf High Temperature (+200°C) Radial Ceramic Capacitors HP Series Catalog: http://www.kemet.com/Lists/FileStore/F3106.pdf#page=6	High Temperature (+200°C) Radial Ceramic Capacitors HT Series, X7R Dielectric	High Temperature 200°C, Radial Molded, X7R Dielectric, 50 – 200 VDC Catalog: http://www.kemet.com/Lists/ProductCatalog/Attachments/549/KEM_C1074_HT_RADIAL_MOLDED_X7R.pdf High Temperature (+200°C) Radial Ceramic Capacitors HP Series Catalog: http://www.kemet.com/Lists/FileStore/F3106.pdf#page=6	High Temperature (+200°C) Axial Ceramic Capacitors HT Series, C0G and X7R Dielectrics	High Temperature Standard (+200°C) Axial Ceramic Cased Capacitors (C3), ACA/ARA Series Catalog: http://www.kemet.com/Lists/FileStore/ACR_ARR_ACA_ARA.pdf
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<p>Product Series Ordering Information</p>	<p>Affected KEMET PNs:</p> <p style="text-align: center;">PART NUMBER AND ORDERING INFORMATION</p> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>STYLE</p> <p>HT=Molded HP= Conformal Coated</p> <p>VOLTAGE</p> <p>A=25V B=50V C=100V D=200V</p> <p>DIELECTRIC MATERIAL</p> <p>B, W=X7R type N=C0G (NP0)</p> </div> <div style="text-align: center;"> <p>LEAD MATERIAL</p> <p>N = Nickel (std) C = Solder Coated Copper Clad Steel</p> <p>TOLERANCE</p> <p>J=±5% K=±10% M=±20% Other tolerance available upon request</p> <p>CAPACITANCE VALUE</p> <p>First two digits are significant, last digit is number of zeros, i.e., 472=4700pF</p> </div> <div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>MARKING</p> <p>(HT05, HT55, HT11) 472K KEC</p> <p>(All other sizes) HT06AW472K KEC Date Code</p> </div> </div> <p style="text-align: center;"> HT06 A W 472 K N </p>								

DIMENSIONS

Molded (HT) and Conformal Coated (HP), Radial Lead Types

Style	Sizes in Inches (mm) max			Lead Spacing ±0.030 (S)
	Length (L)	Width (W)	Thickness (T)	
HT05	.200 (5.08)	.200 (5.08)	.100 (2.54)	.100 (2.54)
HT55	.200 (5.08)	.200 (5.08)	.100 (2.54)	.200 (5.08)
HT06	.300 (7.62)	.300 (7.62)	.150 (3.81)	.200 (5.08)
HT08	.500 (12.70)	.500 (12.70)	.250 (6.35)	.400 (10.16)
HT09	.700 (17.78)	.400 (10.16)	.200 (5.08)	.500 (12.70)

Tubular Case, Axial Lead Types

Style	Sizes in Inches (mm) max	
	Length (L)	Diameter (D)
HT11	.170 (4.32)	.100 (2.54)
HT13	.260 (6.60)	.135 (3.43)
HT14	.400 (10.16)	.155 (3.94)
HT15	.500 (12.70)	.200 (5.08)
HT16	.750 (19.05)	.375 (9.52)

Note: Only HT Radial and Axial series is being ended. HP conformal coated series will remain available.

KEMET Proprietary Information

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