

# POWER-RESISTORS

WIREWOUND RESISTORS • CURRENT SENSE RESISTORS  
POWER-SMD-RESISTORS

RoHS  
compliant



## Shortform Catalogue

**VITROHM**  
Holding GmbH

a Yageo Business Unit

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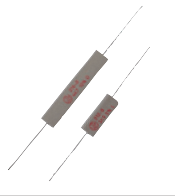
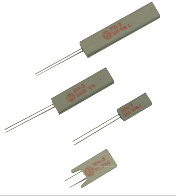
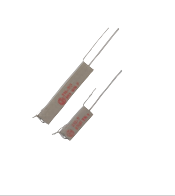
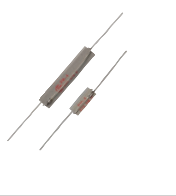
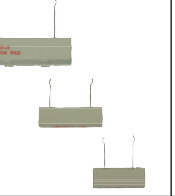
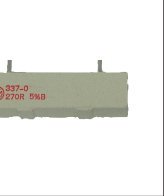
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# Wire Wound Resistors, ceramic, coated, moulded

## Wirewound Resistors, ceramic housed

					
<p><b>KH SERIES WIREWOUND</b> KH206-8 to KH218-8 Ceramic Axial Lead</p> <p><b>Resistance Range:</b> R056 to 82K</p> <p><b>Rated Power @ 70°C:</b> 4W to 17W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 6,4x20, 6,4x25, 6,4x38 9x25, 9x38, 9x50, 9x75</p> <p><b>Packaging:</b> Bulk, Tape/Reel</p>	<p><b>KV/KW SERIES WIREWOUND</b> KV206-3 to KV218-3 KWV302-3 to KWV310-3 Ceramic, Vertical Lead</p> <p><b>Resistance Range:</b> R056 to 82K (100K Metox)</p> <p><b>Rated Power @ 70°C:</b> 2W to 17W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 7x20, 7x25, 7x38 9x25, 9x38, 9x50, 9x75</p> <p><b>Packaging:</b> Bulk</p>	<p><b>KT SERIES WIREWOUND</b> KT212-7 to KT218-7 Ceramic Vertical, circuit breaker</p> <p><b>Resistance Range:</b> R075 to 82K</p> <p><b>Rated Power @ 70°C:</b> 2W to 4,5W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 150°C</p> <p><b>Case Sizes:</b> 9x25, 9x38, 9x50, 9x75</p> <p><b>Packaging:</b> Bulk</p>	<p><b>KF SERIES WIREWOUND</b> KF206-4 to KF218-4 Ceramic Axial, circuit breaker</p> <p><b>Resistance Range:</b> R10 to 82K</p> <p><b>Rated Power @ 70°C:</b> 1,2W to 6W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 150°C</p> <p><b>Case Sizes:</b> 7x20, 7x25, 7x38, 9x25, 9x38, 9x50, 9x75</p> <p><b>Packaging:</b> Bulk</p>	<p><b>KWP SERIES WIREWOUND</b> KWP330-3/5/6/7 to KWP338-3/5/6/7 Ceramic, Radial Terminals</p> <p><b>Resistance Range:</b> R15 to 36K (100K Metox)</p> <p><b>Rated Power @ 70°C:</b> 2W to 20W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 275°C</p> <p><b>Case Sizes:</b> 10x23, 10x28, 10x35, 10x43, 10x48 13x50, 13x65</p> <p><b>Packaging:</b> Bulk</p>	<p><b>KWA SERIES POWER WIREWOUND</b> KWA15 to KWA40 Ceramic Quick Tape Terminals</p> <p><b>Resistance Range:</b> R20 to 16K</p> <p><b>Rated Power @ 70°C:</b> 15W to 40W</p> <p><b>Temp. Coefficient:</b> -80 to +500 ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 5,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 13x48, 13x64 19x75, 19x90</p> <p><b>Packaging:</b> Bulk</p>



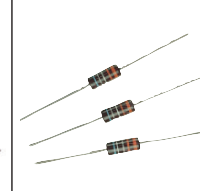
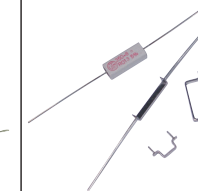
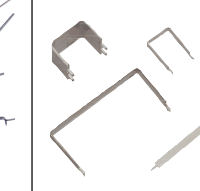
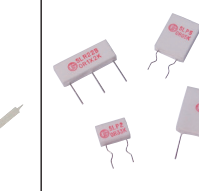
## Wirewound Resistors, coated

## moulded

					
<p><b>KC SERIES WIREWOUND</b> KC200-0 to KC204-0 Coated Axial Lead</p> <p><b>Resistance Range:</b> 0R056 to 30K</p> <p><b>Rated Power @ 70°C:</b> 1W to 3W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 0416, 0424, 0432</p> <p><b>Packaging:</b> Tape/Box</p>	<p><b>KP SERIES WIREWOUND</b> KP290-0/1 to KP298-0/1 Coated Radial Terminals</p> <p><b>Resistance Range:</b> R10 to 36K</p> <p><b>Rated Power @ 70°C:</b> 2W to 8W</p> <p><b>Temp. Coefficient:</b> - 80 to + 500ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 0518, 0523, 0533, 0543, 0553</p> <p><b>Packaging:</b> Bulk</p>	<p><b>CR SERIES WIREWOUND</b> CR251-0 to CR259-0 Coated Axial Lead</p> <p><b>Resistance Range:</b> 0R1 to 3K9</p> <p><b>Rated Power @ 70°C:</b> 1W to 6,5W</p> <p><b>Temp. Coefficient:</b> +/- 20, + 40ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 0,5%, +/- 1%, +/- 2%, +/- 5%</p> <p><b>Load Life:</b> +/- 3,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 0309, 0415, 0613, 0915 0617, 0918, 0922, 0927</p> <p><b>Packaging:</b> Tape/Box</p>	<p><b>CRF SERIES WIREWOUND</b> CRF251-4 to CRF257-4 Safety Version at 220V Flame Retardant</p> <p><b>Resistance Range:</b> 1R0 to 330R</p> <p><b>Rated Power @ 70°C:</b> 1W to 4,3W</p> <p><b>Temp. Coefficient:</b> 120 +/- 50ppm/°C</p> <p><b>Resistance Tolerance:</b> +/- 5%</p> <p><b>Load Life:</b> +/- 5,0% average</p> <p><b>Temperature range:</b> - 55 to 350°C</p> <p><b>Case Sizes:</b> 0309, 0415, 0613, 0617, 0919</p> <p><b>Packaging:</b> Tape/Box</p>	<p><b>BW SERIES WIREWOUND</b> BW234-0 and BW235-0 Moulded Axial Lead</p> <p><b>Resistance Range:</b> R10 to 2K4</p> <p><b>Rated Power @ 70°C:</b> 0,75W to 1,5W</p> <p><b>Temp. Coefficient:</b> - 400 to + 1000ppm/°C, depends on value</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 5,0% average</p> <p><b>Temperature range:</b> - 55 to 175°C</p> <p><b>Case Sizes:</b> 0411, 0614</p> <p><b>Packaging:</b> Tape/Box</p>	<p><b>BWF SERIES WIREWOUND</b> BWF237-0 and BWF236-0 Failsafe Flame Retardant</p> <p><b>Resistance Range:</b> R10 to 1K0</p> <p><b>Rated Power @ 70°C:</b> 0,75W to 1,5W</p> <p><b>Temp. Coefficient:</b> - 400 to + 1000ppm/°C, depends on value</p> <p><b>Resistance Tolerance:</b> +/- 5%, +/- 10%</p> <p><b>Load Life:</b> +/- 5,0%, +/- 10,0% average</p> <p><b>Temperature range:</b> - 55 to 175°C</p> <p><b>Case Sizes:</b> 0411, 0614</p> <p><b>Packaging:</b> Tape/Box</p>

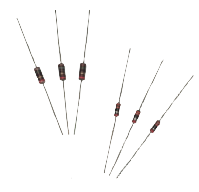
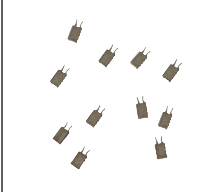
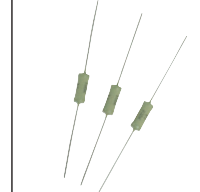
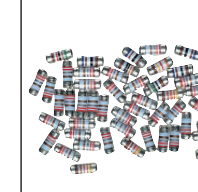
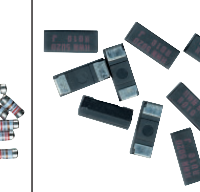
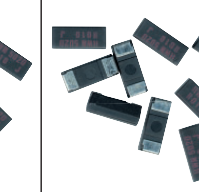
# Low-ohmic Power Resistors, Power Film Resistors & SMD

## Special Wirewound Resistors Low-ohmic Power Resistors

					
<p><b>RX SERIES</b> <b>WIREWOUND</b> <i>low cost</i> RX0207W5 to RX104812W Coated Axial Lead</p> <p><b>Resistance Range:</b> 0R1 to 30K <b>Rated Power @ 70°C:</b> 0,5W to 12W <b>Temp. Coefficient:</b> + 250ppm/°C above 10R <b>Resistance Tolerance:</b> + - 1%, + - 5% <b>Load Life:</b> + 5% <b>Temperature range:</b> - 55 to 155°C <b>Case Sizes:</b> 0207 to 1048 <b>Packaging:</b> Tape/Box, Bulk</p>	<p><b>RE SERIES</b> <b>POWER WIREWOUND</b> RE605 to RE650 Aluminium Housed Chassis Mount</p> <p><b>Resistance Range:</b> 0R1 to 39K2 <b>Rated Power @ 40°C:</b> 5W to 250W <b>Temp. Coefficient:</b> + - 20ppm/°C above 10R <b>Resistance Tolerance:</b> + - 0,25%, + - 0,5% + - 1%, + - 5% <b>Load Life:</b> + - 1% <b>Temperature range:</b> - 55 to 250°C <b>Case Sizes:</b> 9x15 to 54x115 <b>Packaging:</b> Bulk</p>	<p><b>BWL SERIES</b> <b>LOW OHMIC POWER</b> BWL0614 Moulded Axial Lead</p> <p><b>Resistance Range:</b> R005 to R062 <b>Rated Power @ 70°C:</b> 1,5W <b>Temp. Coefficient:</b> &lt; 200ppm/°C, depends on value <b>Resistance Tolerance:</b> + - 1%, + - 5% <b>Load Life:</b> + - 0,5% average <b>Temperature range:</b> - 55 to 175°C <b>Case Sizes:</b> 0614 <b>Packaging:</b> Tape/Box</p>	<p><b>KN SERIES</b> <b>LOW OHMIC POWER</b> KN350-0 to KN354-8 Ceramic or open frame Axial and Radial</p> <p><b>Resistance Range:</b> 0R003 to 0R1 <b>Rated Power @ 70°C:</b> 1W to 9W <b>Temp. Coefficient:</b> + 200 to + 1200ppm/°C depends on value <b>Resistance Tolerance:</b> + - 1%, + - 3%, + - 5% <b>Load Life:</b> + - 3,0% average <b>Temperature range:</b> - 55 to 300°C <b>Case Sizes:</b> 0313, 0321, 0332, 0718, 0725, 0738, 0925, 0938 <b>Packaging:</b> Bulk, KN350-8 also Tape/Reel</p>	<p><b>LPS SERIES</b> <b>LOW OHMIC POWER</b> LPS355-0, LPS356-0 LPS357-1, Specials LPS359-xxx Open frame, Radial</p> <p><b>Resistance Range:</b> 0R0005 to 0R075 <b>Rated Power @ 70°C:</b> 0,7W to 7W depends on style <b>Temp. Coefficient:</b> - 80 to + 40ppm/°C <b>Resistance Tolerance:</b> + - 3%, + - 5% <b>Load Life:</b> &lt; 3,0% average <b>Temperature range:</b> - 55 to 350°C <b>Case Sizes:</b> Radial Pitch 5, 10, 15, 20, 25mm, 2 and 4 Pin Style <b>Packaging:</b> Bulk</p>	<p><b>SLR(P) SERIES</b> <b>LOW OHMIC POWER</b> SLR(P)2 to SLR(P)55 Ceramic Radial</p> <p><b>Resistance Range:</b> 0R01 to 3R3 <b>Rated Power @ 70°C:</b> 2W to 10W/5+5W <b>Temp. Coefficient:</b> + 250ppm/°C <b>Resistance Tolerance:</b> + 5%, + - 10% <b>Load Life:</b> + 5% average <b>Temperature range:</b> - 55 to 200°C <b>Case Sizes:</b> 08x13, 13x13, 18x14, 10x26, 18x26, 20x26 <b>Packaging:</b> Bulk</p>

## Power Film Resistors

## SMD Melf Resistors SMD Power Resistors

					
<p><b>RG SERIES</b> <b>METALGLAZE FILM</b> RG515-0 and RG520-0 Moulded Axial</p> <p><b>Resistance Range:</b> R30 to 3M3 <b>Rated Power @ 70°C:</b> 0,5W to 0,9W <b>Temp. Coefficient:</b> + 25, + 50, + 100ppm/°C <b>Resistance Tolerance:</b> + 0,5%, + - 1%, + 2% <b>Max. cont. work. voltage:</b> 350 V<sub>eff</sub> <b>Temperature range:</b> - 65 to 175°C <b>Case Sizes:</b> 0207, 0309 <b>Packaging:</b> Tape/Box</p>	<p><b>RGU SERIES</b> <b>METALGLAZE FILM</b> RGU526-0 Moulded Vertical</p> <p><b>Resistance Range:</b> R30 to 3M3 <b>Rated Power @ 70°C:</b> 0,5W <b>Temp. Coefficient:</b> + 25, + 50, + 100ppm/°C <b>Resistance Tolerance:</b> + 0,5%, + 1%, + - 2% <b>Max. cont. work. voltage:</b> 350 V<sub>eff</sub> <b>Temperature range:</b> - 55 to 175°C <b>Case Sizes:</b> 4x7,3mm <b>Packaging:</b> Bulk</p>	<p><b>PO/PF SERIES</b> <b>METALOXIDE FILM</b> PO590-0 to PO595-0 PF0207 PF0410 PF0516 Coated Axial</p> <p><b>Resistance Range:</b> R22 - 10M <b>Rated Power @ 70°C:</b> 1 W to 4 W <b>Temp. Coefficient:</b> + 50, + 100, + 200 ppm/°C <b>Resistance Tolerance:</b> + - 1%, + 2%, + 5% <b>Max. cont. work. voltage:</b> 350 to 750 V<sub>eff</sub> <b>Temperature range:</b> -55 to 250°C / 155°C <b>Case Sizes:</b> 0207, 0410, 0414, 0516, 0617, 0922 <b>Packaging:</b> Tape/Box</p>	<p><b>ZC SERIES</b> <b>SMD METAL FILM</b> ZC0204 and ZC0207 Melf Style Surface Mount</p> <p><b>Resistance Range:</b> R18 to 10M <b>Rated Power @ 70°C:</b> 0,25W to 1W, depends on mounting conditions <b>Temp. Coefficient:</b> + 15, + 25, + 50, + 100ppm/°C <b>Resistance Tolerance:</b> + 0,1%, + 0,25%, + - 0,5%, + 1%, + 2%, + 5% <b>Max. cont. work. voltage:</b> 200 to 500 V<sub>eff</sub> <b>Temperature range:</b> - 55 to 155°C <b>Case Sizes:</b> 0204, 0207 <b>Packaging:</b> Blister Tape</p>	<p><b>RWN/RWC/RWP</b> <b>LOW-OHMIC/FILM</b> RWN5020 RWC5020 RWP5020, SMD Power Surface Mount</p> <p><b>Resistance Range:</b> 0R002 to 1M <b>Rated Power @ 70°C:</b> 1,6 W (2,2 W @ 25°C) <b>Temp. Coefficient:</b> + - 50, + 200 ppm/°C <b>Resistance Tolerance:</b> + - 1%, + 5% <b>Max. cont. work. voltage:</b> <math>\sqrt{P} * R</math> VRMS / 350 V<sub>eff</sub> <b>Temperature range:</b> -55 to 200°C / 175°C <b>Case Sizes:</b> 5020 <b>Packaging:</b> Blister Tape</p>	<p><b>RWF/RWS SERIES</b> <b>WIREWOUND</b> RWF5020 and RWS5020 SMD Failsafe / Safety Surface Mount</p> <p><b>Resistance Range:</b> 0R1 to 1K <b>Rated Power @ 70°C:</b> 1,6 W (2,2 W @ 25°C) <b>Temp. Coefficient:</b> + 1000, + 120 ppm/°C <b>Resistance Tolerance:</b> + 5%, + - 10% <b>Max. cont. work. voltage:</b> <math>\sqrt{P} * R</math> VRMS <b>Temperature range:</b> -55 to 175 °C <b>Case Sizes:</b> 5020 <b>Packaging:</b> Blister Tape</p>

# VITROHM Holding GmbH

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We are glad about or we look forward to, working with you. Please remember: Give up your resistance – take ours.

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