

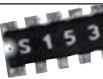











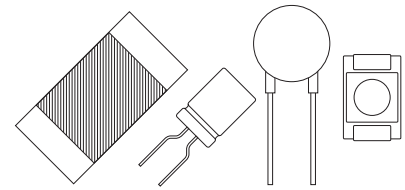


## Resistors targeted at automotive applications

Product	rating @ 70 °C	Values	Series	Description
APC0402A	0.063W	50R-100K	APC	 <b>Anti sulphur precision chip</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/APC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/APC.pdf</a>
APC0603A(H)	0.063W (0.1W)	10R-332K		
APC0805A(H)	0.1W (0.125W)	10R-1M		
APC1206A(H)	0.125W (0.25W)	10R-1M		
APC1210A(H)	0.25W (0.33W)	10R-1M		
APC2010A(H)	0.25W (0.33W)	10R-1M		
APC2512A	0.5W	10R-1M		
ASC0402	0.063W	1R-10M	ASC	 <b>Anti sulphur chip resistor (including zero ohm chips)</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ASC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ASC.pdf</a>
ASC0606	0.1W	1R-10M		
ASC0805	0.125W	1R-10M		
ASC1206	0.25W	1R-10M		
ASC1210	0.33W	1R-10M		
ASC2010	0.5W	1R-10M		
ASC2512	1W	1R-10M		
BCN10	0.25W (package)	10R-1M0	BCN	 <b>Thick film chip array resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/BCN.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/BCN.pdf</a>
BCN164AB	0.25W (package)	10R-1M0		
BCN4D	0.5W (package)	10R-1M0		
EBW8518	36W	L05-L25	EBW8518	 <b>E-beam welded shunt 8518</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/EBW8518.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/EBW8518.pdf</a>
GBCN164	0.25W (package)	1R-1M	GBCN	 <b>Green thick film chip array</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/GBCN.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/GBCN.pdf</a>
HVC1206	0.3W (1kV)	10K-1G	HVC	 <b>High voltage thick film chip resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/HVC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/HVC.pdf</a>
HVC2010	0.5W (2kV)	10K-1G		
HVC2512	1W (3kV)	10K-1G		
LHVC2010	0.5W (1.6kV)	50K-10M	LHVC	 <b>High voltage thick film chip resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LHVC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LHVC.pdf</a>
LR(F)1206	0.5W	R003-1R	LR	 <b>Thick film low value chip resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LR.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LR.pdf</a>
LR(F)2010	1W	R003-1R		
LR(F)2512	1.5W	R003-1R		
LRF3W	3W	R003-1R	LRF3W	 <b>1225 thick film low value chip resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRF3W.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRF3W.pdf</a>
LRMAM0805	0.5W	R005-R025	LRMA	 <b>Metal element low value chip resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRMA.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRMA.pdf</a>
LRMAM1206	1W	R001-R05		
LRMAM2512	2W	R0005-R01		
	1W	R02-R06		
LRMAN0612	1W	R001-R003		
LRMAN0815	1W	R003-R03		
LRMAN1225	3W	R002-R04		
LRMAP2512	3W	R0005-R01		
	2W	R011-R3		
LRMAT2010	1.5W	R005-R1		
LRMAT2512	2W	R001-R01		
	1W	R011-R1		
LRMAP3920	5W	R0002-R003	LRMAP 3920	 <b>Low resistance metal alloy power resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRMAP3920.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRMAP3920.pdf</a>
LRMAP5930	10W	R0002-R002	LRMAP 5930	 <b>Low resistance metal alloy power resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRMAP5930.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRMAP5930.pdf</a>
LRZ0603	6A	R000	LRZ	 <b>High current zero ohm jumper chip resistor</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRZ.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/LRZ.pdf</a>
LRZ0805	15A	R000		
LRZ1206	20A	R000		
LRZ2010	30A	R000		
LRZ2512	35A	R000		
MFC0402	0.25W	R01-R05	MFC	 <b>Metal foil on ceramic chip resistors</b> <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/mfc.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/mfc.pdf</a>
MFC0603	0.5W	R003-R10		
MFC0805	0.75W	R003-R10		
MFC1206	1W	R003-R10		
MFC2010	1W	R003-R10		
MFC2512	2W	R002-R20		

### General Note

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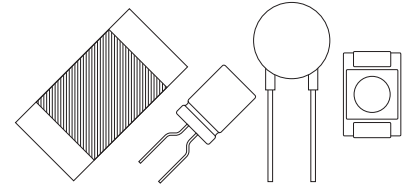


## Resistors targeted at automotive applications

Product	rating @ 70 °C	Values	Series	Description
OARS1	2W	R002-R05	OARS	 Metal element low value compliant SMD shunt resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/OARS.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/OARS.pdf</a>
OARS3	3W	R002-R015		
OARSXP	5W	R001-R025		
PCF0402	0.063W	10R-205K	PCF	 Precision thin film nichrome chip resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PCF.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/PCF.pdf</a>
PCF0603	0.063W	2R-1M0		
PCF0805	0.1W	1R-2M0		
PCF1206	0.125W	1R-2M5		
PCF1210	0.2W	1R-2M5		
PCF2010	0.25W	1R-3M0		
PCF2512	0.5W	1R-3M0		
PCF0603H	0.1W	2R-1M0		
PCF0805H	0.125	4R7-1M0		
PCF1206H	0.25W	1R-1M0		
PCF1210H	0.33W	4R7-1M0		
PCF2010H	0.33W	4R7-1M0		
SC3	3W	1R-10K	SC3	 1225 thick film chip resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/SC3.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/SC3.pdf</a>
ULR1	1W	R0005- R010	ULR	 Metal element low value chip resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ULR.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/ULR.pdf</a>
ULR2	2W	R0005-R01		
ULR25	2.5W	R004-R006		
ULR3	3W	R0015- R003		
WCR0402...A	0.063W	1R-1M	WCR...A	 Thick film chip resistor (including zero-ohm chips from 0603 to 2010 sizes inclusive) <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WCR.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WCR.pdf</a>
WCR0603...A	0.1W	1R-10M		
WCR0805...A	0.125W	1R-10M		
WCR1206...A	0.25W	1R-10M		
WCR1210...A	0.25W	1R-10M		
WCR2010...A	0.5W	1R-10M		
WCR2512...A	1W	1R-10M	WHPC	 High power chip resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WHPC.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WHPC.pdf</a>
WHPC1206	0.5W	1R-10M		
WHPC2010	1W	1R-10M	WMHP	 Heatsink mount high power resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WMHP.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WMHP.pdf</a>
WMHP20	20W @25°C	R05-10K		
WMHP35	35W @25°C	R05-10K		
WPRT10	10W	1R-820R	WPRT	 High power ceramic case wirewound resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WPRT.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WPRT.pdf</a>
WPRT15	15W @25°C	1R-1K		
WPRT20	20W @25°C	2R-1K2		
WPRT30	30W @25°C	3R-1K5		
WPRT40	40W @25°C	6R-1K5		
WPRT50	50W @25°C	6R-1K5		
WRM0102	0.2W	8R2-1M	WRM	 MELF resistor (including zero ohm jumpers) <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WRM.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WRM.pdf</a>
WRM0204	0.25W	R22-5M1		
WRM0207	0.4W	R22-10M		
WRM0204HP	0.4W	R1-1M	WRM- HP	 High power MELF <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WRM-HP.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WRM-HP.pdf</a>
WRM0207HP	1W	R1-1M		
WSMHP20	20W	R50 – 100K	WSMHP	 TO263 surface mount high power resistor <a href="https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WSMHP.pdf">https://www.ttelectronics.com/TTElectronics/media/ProductFiles/Resistors/Datasheets/WSMHP.pdf</a>
WSMHP25	25W	R50 – 100K		
WSMHP35	35W	R50 – 100K		

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## Further Information

Full current data on this portfolio:



<https://www.ttelectronics.com/products/categories/resistors/search-results/?pageNumber=1&Approval=AEC-Q200>

AEC background, standards and test methods:



<http://www.aecouncil.com/>

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