

Symbol	Typ	Titel
H	Sektion	ELECTRICITY
H01	Klasse	BASIC ELECTRIC ELEMENTS
H01C	Unterkategorie	RESISTORS
H01C 1/00	Hauptgruppe	Details [1, 2006.01]
H01C 1/01	1-Punkt Untergruppe	. Mounting; Supporting [2, 2006.01]
H01C 1/012	2-Punkt Untergruppe	.. the base extending along, and imparting rigidity or reinforcement to, the resistive element (H01C 1/016 takes precedence; the resistive element being formed in two or more coils or loops as a spiral, helical, or toroidal winding H01C 3/18, H01C 3/20; the resistive element being formed as one or more layers or coatings on a base H01C 7/00) [2, 2006.01]
H01C 1/014	2-Punkt Untergruppe	.. the resistor being suspended between, and being supported by, two supporting sections (H01C 1/016 takes precedence) [2, 2006.01]
H01C 1/016	2-Punkt Untergruppe	.. with compensation for resistor expansion or contraction [2, 2006.01]
H01C 1/02	1-Punkt Untergruppe	. Housing; Enclosing; Embedding; Filling the housing or enclosure [1, 2, 2006.01]
H01C 1/022	2-Punkt Untergruppe	.. the housing or enclosure being openable or separable from the resistive element [2, 2006.01]
H01C 1/024	2-Punkt Untergruppe	.. the housing or enclosure being hermetically sealed (H01C 1/028, H01C 1/032, H01C 1/034 take precedence) [2, 2006.01]
H01C 1/026	3-Punkt Untergruppe	... with gaseous or vacuum spacing between the resistive element and the housing or casing [2, 2006.01]
H01C 1/028	2-Punkt Untergruppe	.. the resistive element being embedded in insulation with outer enclosing sheath [2, 2006.01]
H01C 1/03	3-Punkt Untergruppe	... with powdered insulation [2, 2006.01]
H01C 1/032	2-Punkt Untergruppe	.. plural layers surrounding the resistive element (H01C 1/028 takes precedence) [2, 2006.01]
H01C 1/034	2-Punkt Untergruppe	.. the housing or enclosure being formed as coating or mould without outer sheath (H01C 1/032 takes precedence) [2, 2006.01]
H01C 1/036	3-Punkt Untergruppe	... on wound resistive element [2, 2006.01]
H01C 1/04	1-Punkt Untergruppe	. Arrangements of distinguishing marks, e.g. colour coding [1, 2006.01]
H01C 1/06	1-Punkt Untergruppe	. Electrostatic or electromagnetic shielding arrangements [1, 2006.01]
H01C 1/08	1-Punkt Untergruppe	. Cooling, heating, or ventilating arrangements [1, 2006.01]
H01C 1/082	2-Punkt Untergruppe	.. using forced fluid flow [2, 2006.01]
H01C 1/084	2-Punkt Untergruppe	.. using self-cooling, e.g. fins, heat sinks [2, 2006.01]
H01C 1/12	1-Punkt Untergruppe	. Arrangements of current collectors [1, 2006.01]
H01C 1/125	2-Punkt Untergruppe	.. of fluid contacts [2, 2006.01]
H01C 1/14	1-Punkt Untergruppe	. Terminals or tapping points specially adapted for resistors; Arrangements of terminals or tapping points on resistors [1, 2006.01]
H01C 1/142	2-Punkt Untergruppe	.. the terminals or tapping points being coated on the resistive element [2, 2006.01]
H01C 1/144	2-Punkt Untergruppe	.. the terminals or tapping points being welded or soldered [2, 2006.01]
H01C 1/146	2-Punkt Untergruppe	.. the resistive element surrounding the terminal [2, 2006.01]
H01C 1/148	2-Punkt Untergruppe	.. the terminals embracing or surrounding the resistive element (H01C 1/142 takes precedence) [2, 2006.01]

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H01C 1/16	1-Punkt Untergruppe	. Resistor networks not otherwise provided for [1, 2006.01]
H01C 3/00	Hauptgruppe	Non-adjustable metal resistors made of wire or ribbon, e.g. coiled, woven, or formed as grids [1, 2006.01]
H01C 3/02	1-Punkt Untergruppe	. arranged or constructed for reducing self-induction, capacitance, or variation with frequency [1, 2006.01]
H01C 3/04	1-Punkt Untergruppe	. Iron-filament ballast resistors; Other resistors having variable temperature coefficient [1, 2006.01]
H01C 3/06	1-Punkt Untergruppe	. Flexible or folding resistors, whereby such a resistor can be looped or collapsed upon itself [2, 2006.01]
H01C 3/08	1-Punkt Untergruppe	. Dimension or characteristic of resistive element changing gradually or in discrete steps from one terminal to another [2, 2006.01]
H01C 3/10	1-Punkt Untergruppe	. the resistive element having zig-zag or sinusoidal configuration [2, 2006.01]
H01C 3/12	2-Punkt Untergruppe	... lying in one plane [2, 2006.01]
H01C 3/14	1-Punkt Untergruppe	. the resistive element being formed in two or more coils or loops continuously wound as a spiral, helical, or toroidal winding (H01C 3/02-H01C 3/12 take precedence) [2, 2006.01]
H01C 3/16	2-Punkt Untergruppe	... including two or more distinct wound elements, or two or more winding patterns [2, 2006.01]
H01C 3/18	2-Punkt Untergruppe	... wound on a flat or ribbon base (H01C 3/16 takes precedence) [2, 2006.01]
H01C 3/20	2-Punkt Untergruppe	... wound on cylindrical or prismatic base (H01C 3/16 takes precedence) [2, 2006.01]
H01C 7/00	Hauptgruppe	Non-adjustable resistors formed as one or more layers or coatings; Non-adjustable resistors made from powdered conducting material or powdered semi-conducting material with or without insulating material (consisting of loose powdered or granular material H01C 8/00; resistors with a potential-jump barrier or surface barrier, e.g. field effect resistors, H01L 29/00; semiconductor devices sensitive to electromagnetic or corpuscular radiation, e.g. photoresistors, H01L 31/00; magnetic field controlled resistors H01L 43/08; bulk negative resistance effect devices H01L 47/00) [1, 2, 2006.01]
H01C 7/02	1-Punkt Untergruppe	. having positive temperature coefficient [1, 2006.01]
H01C 7/04	1-Punkt Untergruppe	. having negative temperature coefficient [1, 2006.01]
H01C 7/06	1-Punkt Untergruppe	. including means to minimise changes in resistance with changes in temperature [1, 2006.01]
H01C 7/10	1-Punkt Untergruppe	. voltage responsive, i.e. varistors [1, 6, 2006.01]
H01C 7/102	2-Punkt Untergruppe	... Varistor boundary, e.g. surface layers (H01C 7/12 takes precedence) [6, 2006.01]
H01C 7/105	2-Punkt Untergruppe	... Varistor cores (H01C 7/12 takes precedence) [6, 2006.01]
H01C 7/108	3-Punkt Untergruppe	... Metal oxide [6, 2006.01]
H01C 7/112	4-Punkt Untergruppe ZnO type [6, 2006.01]
H01C 7/115	4-Punkt Untergruppe Titanium dioxide- or titanate type [6, 2006.01]
H01C 7/118	3-Punkt Untergruppe	... Carbide, e.g. SiC type [6, 2006.01]
H01C 7/12	2-Punkt Untergruppe	... Overvoltage protection resistors; Arresters [1, 3, 2006.01]
H01C 7/13	1-Punkt Untergruppe	. current-responsive [2, 2006.01]
H01C 7/18	1-Punkt Untergruppe	. comprising a plurality of layers stacked between terminals [2, 2006.01]
H01C 7/20	1-Punkt Untergruppe	. the resistive layer or coating being tapered [2, 2006.01]
H01C 7/22	1-Punkt Untergruppe	. Elongated resistive element being bent or curved, e.g. sinusoidal, helical [2, 2006.01]
H01C 8/00	Hauptgruppe	Non-adjustable resistors consisting of loose powdered or granular conducting, or powdered or

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granular semi-conducting material [2, 2006.01]		
H01C 8/02	1-Punkt Untergruppe	. Coherers or like imperfect resistors for detecting electromagnetic waves [2, 2006.01]
H01C 8/04	1-Punkt Untergruppe	. Overvoltage protection resistors; Arresters [2, 3, 2006.01]
H01C 10/00	Hauptgruppe	Adjustable resistors [2, 2006.01]
H01C 10/02	1-Punkt Untergruppe	. Liquid resistors [2, 2006.01]
H01C 10/04	1-Punkt Untergruppe	. with specified mathematical relationship between movement of resistor actuating means and value of resistance, other than direct proportional relationship [2, 2006.01]
H01C 10/06	1-Punkt Untergruppe	. adjustable by short-circuiting different amounts of the resistive element [2, 2006.01]
H01C 10/08	2-Punkt Untergruppe	.. with intervening conducting structure between the resistive element and the short-circuiting means, e.g. taps [2, 2006.01]
H01C 10/10	1-Punkt Untergruppe	.. adjustable by mechanical pressure or force [2, 2006.01]
H01C 10/12	2-Punkt Untergruppe	.. by changing surface pressure between resistive masses or resistive and conductive masses, e.g. pile type [2, 2006.01]
H01C 10/14	1-Punkt Untergruppe	.. adjustable by auxiliary driving means [2, 2006.01]
H01C 10/16	1-Punkt Untergruppe	.. including plural resistive elements [2, 2006.01]
H01C 10/18	2-Punkt Untergruppe	.. including coarse and fine resistive elements [2, 2006.01]
H01C 10/20	2-Punkt Untergruppe	.. Contact structure or movable resistive elements being ganged [2, 2006.01]
H01C 10/22	1-Punkt Untergruppe	.. resistive-element dimensions changing gradually in one direction, e.g. tapered resistive element (H01C 10/04 takes precedence) [2, 2006.01]
H01C 10/23	1-Punkt Untergruppe	.. resistive-element dimensions changing in a series of discrete, progressive steps [2, 2006.01]
H01C 10/24	1-Punkt Untergruppe	.. the contact moving along turns of a helical resistive element, or <u>vice versa</u> [2, 2006.01]
H01C 10/26	1-Punkt Untergruppe	.. resistive element moving (H01C 10/16, H01C 10/24 take precedence) [2, 2006.01]
H01C 10/28	1-Punkt Untergruppe	.. the contact rocking or rolling along resistive element or taps [2, 2006.01]
H01C 10/30	1-Punkt Untergruppe	.. the contact sliding along resistive element [2, 2006.01]
H01C 10/32	2-Punkt Untergruppe	.. the contact moving in an arcuate path [2, 2006.01]
H01C 10/34	3-Punkt Untergruppe	... the contact or the associated conducting structure riding on collector formed as a ring or portion thereof [2, 2006.01]
H01C 10/36	3-Punkt Untergruppe	... structurally combined with switching arrangements [2, 2006.01]
H01C 10/38	2-Punkt Untergruppe	.. the contact moving along a straight path [2, 2006.01]
H01C 10/40	3-Punkt Untergruppe	... screw-operated [2, 2006.01]
H01C 10/42	4-Punkt Untergruppe the contact bridging and sliding along resistive element and parallel conducting bar or collector [2, 2006.01]
H01C 10/44	3-Punkt Untergruppe	... the contact bridging and sliding along resistive element and parallel conducting bar or collector (H01C 10/42 takes precedence) [2, 2006.01]
H01C 10/46	1-Punkt Untergruppe	. Arrangements of fixed resistors with intervening connectors, e.g. taps (H01C 10/28, H01C 10/30 take precedence) [2, 2006.01]

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H01C 10/48	2-Punkt Untergruppe	... including contact movable in an arcuate path [2, 2006.01]
H01C 10/50	1-Punkt Untergruppe	. structurally combined with switching arrangement (H01C 10/36 takes precedence) [2, 2006.01]
H01C 11/00	Hauptgruppe	Non-adjustable liquid resistors [1, 2, 2006.01]
H01C 13/00	Hauptgruppe	Resistors not provided for elsewhere [1, 2006.01]
H01C 13/02	1-Punkt Untergruppe	. Structural combinations of resistors [2, 2006.01]
H01C 17/00	Hauptgruppe	Apparatus or processes specially adapted for manufacturing resistors (providing fillings for housings or enclosures H01C 1/02; reducing insulation surrounding a resistor to powder H01C 1/03; manufacture of thermally variable resistors H01C 7/02, H01C 7/04) [1, 2, 2006.01]
H01C 17/02	1-Punkt Untergruppe	. adapted for manufacturing resistors with envelope or housing (apparatus or processes for filling or compressing insulating material in heating element tubes H05B 3/52) [2, 2006.01]
H01C 17/04	1-Punkt Untergruppe	. adapted for winding the resistive element [2, 2006.01]
H01C 17/06	1-Punkt Untergruppe	. adapted for coating resistive material on a base [2, 2006.01]
H01C 17/065	2-Punkt Untergruppe	... by thick-film techniques, e.g. serigraphy [6, 2006.01]
H01C 17/07	2-Punkt Untergruppe	... by resistor foil bonding, e.g. cladding [6, 2006.01]
H01C 17/075	2-Punkt Untergruppe	... by thin-film techniques [6, 2006.01]
H01C 17/08	3-Punkt Untergruppe	... by vapour deposition [2, 2006.01]
H01C 17/10	3-Punkt Untergruppe	... by flame spraying [2, 2006.01]
H01C 17/12	3-Punkt Untergruppe	... by sputtering [2, 2006.01]
H01C 17/14	3-Punkt Untergruppe	... by chemical deposition [2, 2006.01]
H01C 17/16	4-Punkt Untergruppe using electric current [2, 2006.01]
H01C 17/18	4-Punkt Untergruppe without using electric current [2, 2006.01]
H01C 17/20	2-Punkt Untergruppe	... by pyrolytic processes [2, 2006.01]
H01C 17/22	1-Punkt Untergruppe	. adapted for trimming [2, 2006.01]
H01C 17/23	2-Punkt Untergruppe	... by opening or closing resistor tracks of predetermined resistive values [6, 2006.01]
H01C 17/232	2-Punkt Untergruppe	.. Adjusting the temperature coefficient; Adjusting value of resistance by adjusting temperature coefficient [6, 2006.01]
H01C 17/235	2-Punkt Untergruppe	.. Initial adjustment of potentiometer parts for calibration [6, 2006.01]
H01C 17/24	2-Punkt Untergruppe	.. by removing or adding resistive material (H01C 17/23, H01C 17/232, H01C 17/235 take precedence) [2, 6, 2006.01]
H01C 17/242	3-Punkt Untergruppe	... by laser [6, 2006.01]
H01C 17/245	3-Punkt Untergruppe	... by mechanical means, e.g. sand-blasting, cutting, ultrasonic treatment [6, 2006.01]
H01C 17/26	2-Punkt Untergruppe	... by converting resistive material [2, 2006.01]
H01C 17/28	1-Punkt Untergruppe	. adapted for applying terminals [2, 2006.01]
H01C 17/30	1-Punkt Untergruppe	. adapted for baking [2, 2006.01]