



SMD WIRE WOUND RESISTORS - Silicone Coated

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	HIAS	<ul style="list-style-type: none"> * Wire wound type. * Non-inductive style available. * Fire retardant coating. * 1W & 2W - MELF type. 	1W~ 5W (25°C)	0.01R~ 16K	1% 2% 3% 5% 10%	> öffnen

SMD WIRE WOUND RESISTORS - Ceramic Encased











Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	HSVAS	<ul style="list-style-type: none"> * Wire wound type. * Surface mounting. * Suitable for reflow soldering. 	4W~ 5W (70°C)	0.1R~ 16K	1% 2% 3% 5% 10%	> öffnen
	HSVALS	<ul style="list-style-type: none"> * Current sense type. * Surface mounting. * Suitable for reflow soldering. 	4W~ 5W (70°C)	0.003R~ 0.068R	1% 2% 3% 5% 10%	> öffnen
	RLS	<ul style="list-style-type: none"> * Current sense type. * Surface mounting. * Industrial Applications. 	1.5W~ 5W (70°C)	0.005R~ 0.39R	1% 2% 3% 5% 10%	> öffnen
	HCAS	<ul style="list-style-type: none"> * Wire wound type. * Surface mounting. * Fire Retardant * 2W as per size 4527. * 3W as per size 6927. 	2W~ 3W (70°C)	0.1R~ 5.6K	1% 2% 3% 5% 10%	> öffnen
	HCALS	<ul style="list-style-type: none"> * Current sense type. * Surface mounting. * Fire Retardant * 2W as per size 4527. * 3W as per size 6927. 	2W~ 3W (70°C)	0.001R~ 0.027R	1% 2% 3% 5% 10%	> öffnen

SMD WIRE WOUND RESISTORS - Noise Suppression







Appearance	Series	Features	Inductance Range	Resistance Range	Tol.	Datenblatt
NEW	HANS	<ul style="list-style-type: none"> * Noise suppressor wire wound resistor * Reduces RFI during electrical discharges on petrol engines in cars and in scooters / motorcycles. 	15uH (typ)	1.125K~ 10K	5% 10% 20%	> öffnen



CURRENT SENSE RESISTORS – Ceramic Encased



Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	RL	<ul style="list-style-type: none"> * Alloy ribbon element in cylindrical ceramic body. * Axial type. * Negligible inductance. * Replaces Moulded type. 	0.5W~ 10W (25°C)	0.004R~ 0.8R	1% 2% 3% 5% 10%	 > öffnen
	HCAL	<ul style="list-style-type: none"> * Alloy ribbon element Axial type. * Negligible inductance. * Surge / Current sensing applications. 	1W~ 15W (70°C)	0.002R~ 0.2R	1% 2% 3% 5% 10%	 > öffnen
	HEAL	<ul style="list-style-type: none"> * Alloy ribbon element Axial type. * Square profile ceramic tube. * Negligible inductance. * Surge / Current sensing applications. 	2.5W~ 9W (70°C)	0.0025R~ 0.1R	1% 2% 3% 5% 10%	 > öffnen
	HMLV	<ul style="list-style-type: none"> * Alloy ribbon element Flat vertical mounting. * Negligible inductance. * Current Sensing. * Space saver. 	2.5W~ 10W (70°C)	0.004R~ 0.1R	1% 2% 3% 5% 10%	 > öffnen
	BR	<ul style="list-style-type: none"> * Slim type, * Metal plate / preformed resistance strip. * Radial configuration. * Negligible inductance. * Choice of 3 different preformings available. 	2W~ 10W (70°C)	0.1R~ 1.2R	5% 10%	 > öffnen

CURRENT SENSE RESISTORS – Open Frame



Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	OA	<ul style="list-style-type: none"> * Axial * Non insulated. * Surge/current sensing applications. 	0.5W~ 3W (70°C)	0.003R~ 0.1R	1% 2% 3% 5% 10%	 > öffnen
	OP	<ul style="list-style-type: none"> * PCB mounting * Non insulated. * Surge/current sensing applications. 	0.5W~ 3W (70°C)	0.003R~ 0.1R	1% 2% 3% 5% 10%	 > öffnen
 NEW	OF	<ul style="list-style-type: none"> * Current Sense / Low Ohm Open Frame Type * Monolithic Construction * Low TCR 	1W~ 6.5W (85°C)	0.0022R~ 0.068R	1% 2% 3% 5% 10%	 > öffnen





CURRENT SENSE RESISTORS – Open Frame (Folgeseite)

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
 NEW	OFSC	<ul style="list-style-type: none"> * PCB mounting * Silicone Coated. * Surge/current sensing applications. * Negligible Inductance. 	10W (70°C)	0.001R~ 0.003R	1% 1.5%	 > öffnen







FUSIBLE RESISTORS - Silicone Coated

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	FRS	<ul style="list-style-type: none"> * Wire wound type * Fire retardant coating. * UL requirements meet satisfactorily. * Fail safe "safety version" available. 	1W~ 4W	10R~ 3.3K	5% 10%	 > öffnen

FUSIBLE RESISTORS - Ceramic Encased

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	FRC	<ul style="list-style-type: none"> * Wire wound type * UL requirements met satisfactorily. 	1W~ 3W	10R~ 2.2K	5% 10%	 > öffnen

WIRE WOUND RESISTORS – Ceramic Encased

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	HCA	<ul style="list-style-type: none"> * Power Axial type * Cement Resistor. * Fire proof. * Pulse type available. 	1W~ 20W (70°C)	0.05R~ 56K	1% 2% 3% 5% 10%	 > öffnen
	HCV	<ul style="list-style-type: none"> * Power vertical mounted type (with bracket) * Bracket acts as heat sink * High insulation. * Space saver. 	7W~ 20W	0.05R~ 56K	1% 2% 3% 5% 10%	 > öffnen
	HCW	<ul style="list-style-type: none"> * Power Axial type. * Ceramic Substrate. * Cement Resistor. * Reduced temperature at PCB solder joint. 	2W~ 20W (70°C)	0.1R~ 56K	1% 2% 3% 5% 10%	 > öffnen



WIRE WOUND RESISTORS – Ceramic Encased (Folgesseite)

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	HEA	<ul style="list-style-type: none"> * Semi precision Axial type. * Low surface temperature. * Fire retardant. * Pulse type available. 	2.5W~ 17W (70°C)	0.025R~ 70K	1% 2% 3% 5% 10%	 > öffnen
	HSVA	<ul style="list-style-type: none"> * Ceramic encased with slots / Axial type. * Low surface temperature. * Slot provides stand-off from the PCB. * Pulse type available. 	4W~ 17W (70°C)	0.04R~ 70K	1% 2% 3% 5% 10%	 > öffnen
	HSVAU	<ul style="list-style-type: none"> * Ceramic encased with slots. * Dual mounting- Axial/Vertical * Inventory shrinker - Specially developed for stockists. * 2 in 1 type Axial & Vertical mounting. 	4W~ 17W (70°C)	0.04R~ 70K	1% 2% 3% 5% 10%	 > öffnen
	HSV	<ul style="list-style-type: none"> * Vertical mounting type - ceramic encased with slots for mounting support. * Designed for colour TV application. * Suitable for high density PCB's * Vertical mounting support pillar available. * Pulse type available. 	4W~ 17W (70°C)	0.04R~ 70K	1% 2% 3% 5% 10%	 > öffnen
	HCP	<ul style="list-style-type: none"> * Power type PCB mounting. * Designed for TV and power supply applications. * Adaptable to automated assembly. * Choice of terminal stand-off heights. * Choice of terminals to suit exact PCB requirements. 	3W~ 20W (70°C)	0.1R~ 56K	5% 10%	 > öffnen
	HCL	<ul style="list-style-type: none"> * Hi Power * Lug terminations * Bracket mounting. * Low surface temperature. * Replaces old radial style. * Choice of terminals. - * Compatible with AMP F187 and AMP 250 connectors. * Pulse type available. 	10W~ 40W (25°C)	0.1R~ 68K	5% 10%	 > öffnen
	HMV	<ul style="list-style-type: none"> * Flat vertical mounting type. * Ceramic legs act as heat sink. * Slim profile. * Space saver. * Pulse type available. 	2.5W~ 10W (70°C)	0.1R~ 26K	1% 2% 3% 5% 10%	 > öffnen
 NEW	HSRC	<ul style="list-style-type: none"> * High Power Capacitor * Discharge Resistors 	20W (70°C)	10K~ 110K	1% 2% 3% 5% 10%	 > öffnen



WIRE WOUND RESISTORS - Silicone Coated

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	HIA	<ul style="list-style-type: none"> * Power Axial type * Flame retardant Thermocoat * Precision * Pulse types available * Non-inductive types available * [MIL sizes] 	0.5W~ 15W (40°C)	0.01R~ 100K	0.25% 0.5% 1% 3% 5% 10%	 > öffnen
	HTA	<ul style="list-style-type: none"> * Power Axial type * Flame retardant Thermocoat * Industrial and telecommunication applications. * Non-inductive types available [JSS sizes]. * Pulse types available. 	0.75W~ 12W (70°C)	0.05R~ 100K	1% 2% 3% 5% 10%	 > öffnen
	VHIA	<ul style="list-style-type: none"> * Power Axial type * Flame retardant * Reduced temperature at PCB solder joint 	0.5W~ 10W (25°C)	0.01R~ 100K	1% 2% 3% 5% 10%	 > öffnen
	HFA	<ul style="list-style-type: none"> * Fibre glass Axial type * Low cost. * Shatter proof. * For kitchen appliances 	1W~ 10W (70°C)	0.05R~ 51K	5% 10%	 > öffnen
	HIP	<ul style="list-style-type: none"> * Power Type PCB mounting * Designed for B/W and color monitors. * Adaptable to automated assembly. * Hi-endurance to shock. 	3W~ 10W (25°C)	0.05R~ 90K	1% 2% 5% 10%	 > öffnen
	HFP	<ul style="list-style-type: none"> * Fibre glass Plug in style * Low cost. * Automated assembly and wave soldering possible. * Choice of terminal stand-off heights. * Commercial applications. 	2W~ 8W (70°C)	0.1R~ 56K	5% 10%	 > öffnen
	HIR (FIXED)	<ul style="list-style-type: none"> * Hi power. * Radial tag termination * Applications which call for very high power dissipation. * Mounting hardware available. * Non-inductive types available * Choice of tag terminations. 	10W~ 400W (70°C)	0.25R~ 100K	1% 2% 5% 10%	 > öffnen
	RSR	<ul style="list-style-type: none"> * Hi power * Edge wound * Radial tag termination * Can withstand heavy overload surges. * High dissipation and very low values. * Mounting hardware available * Used for controlling motors. * Choice of tag terminations. 	120W~ 500W	0.1R~ 16R	5% 10%	 > öffnen



**HI-TECH
RESISTORS**

Linecard 01-2009





WELTRON Elektronik GmbH

Sommerauer Str. 11
91555 Feuchtwangen

E-Mail: info@weltron.de
Internet: www.weltron.de

WIRE WOUND RESISTORS - Silicone Coated (Folgeseite)

Appearance	Series	Features	Power Rating	Resistance Range	Tol.	Datenblatt
	HSR	* High Power Capacitor * Discharge Resistors	8.25W~ 11W (70°C)	10K~ 70K	1% 2% 3% 5% 10%	 > öffnen

Fragen Sie an – wir helfen Ihnen gerne weiter.

Telefon: 09852 6727-0 // Fax: 09852 6727-67 // E-Mail: info@weltron.de