

## SMD Resistors

### type RH73 series

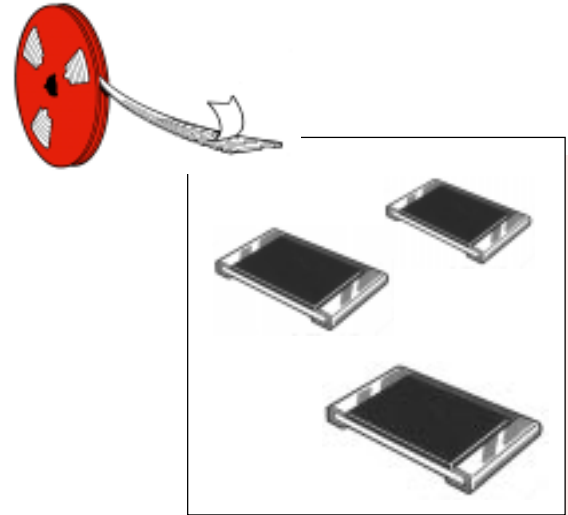
The RH73 Series is a stable high value chip resistor range offering various power dissipations relating to chip size. Meggitt Electronics are pleased to offer this innovative range of chip resistors up to 100 Gig. The RH73 Series is suitable for flow and reflow soldering. It has a thick film resistor element and three layers of terminal material to ensure high reliability. A limited value range of 08:05 sizes can be purchased from stock.

Packaging:  
1000 Pieces (7" Reel)  
4000 Pieces (7" Reel)

Please Request Full Data Sheet F0762

### Key features

- low voltage dependency
- choice of packages
- supplied reeled or bulk
- values up to 100 gig ohms
- attractively priced
- suited to pick and place
- custom designs possible
- high stability



### Specification

#### Electrical

Size	T.C.R's Per Value (ppm/°C)					Tolerances Per Value (%)					Power Rating @ 70°C	Maximum Working Voltage
	10M-100M	100M1-1G	1G1-10G	10G1-33G	33G1-100G	10M-100M	100M1-1G	1G1-10G	10G1-33G	33G1-100G		
1E	H/U	W/X	X/Y	-	-	≥5	≥5	≥10	-	-	0.050W	30V
1J	H/U	U/W	W/X	X/Y	-	≥5	≥5	≥10	≥10	-	0.075W	75V
2A	H/U	U/W	W/X	X/Y	Y/Z	≥2	≥5	≥5	≥10	≥10	0.125W	100V
2B	H/U	U/W	W/X	X/Y	Y/Z	≥2	≥5	≥5	≥10	≥10	0.250W	200V
2E	H/U	H/U	U/W	U/W	W/X	≥2	≥5	≥5	≥5	≥5	0.350W	300V
3A	H/U	H/U	U/W	U/W	W/X	≥2	≥5	≥5	≥5	≥5	0.600W	1000V

Tolerances available: 2%, 5%, 10%, 20%, 30%

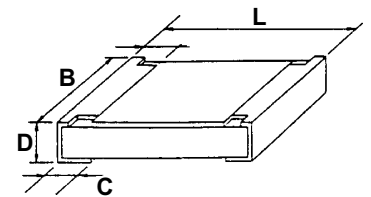
#### Environmental

Temperature Range: -55°C to +125°C  
 Climatic Category: 55/125/56  
 Solderability: 235°C for 5 Seconds

Values above 100M do not have glaze coat. This is to avoid reaction with a galvanic coating on the terminals. This does not affect the resistor performance.

### Dimensions

Part Number	Dimensions			
	L	B	C	D
RH73 1E	1.04 <sup>+0.05</sup>	0.50 <sup>+0.05</sup>	0.10 <sup>+0.05</sup>	0.30 <sup>+0.05</sup>
RH73 1J	1.52 <sup>+0.10</sup> <sub>-0.05</sub>	0.75 <sup>+0.15</sup> <sub>-0.05</sub>	0.30 <sup>+0.10</sup>	0.40 <sup>+0.10</sup> <sub>-0.05</sub>
RH73 2A	2.00 <sup>+0.15</sup> <sub>-0.05</sub>	1.25 <sup>+0.20</sup> <sub>-0.05</sub>	0.30 <sup>+0.10</sup> <sub>-0.20</sub>	0.40 <sup>+0.10</sup> <sub>-0.05</sub>
RH73 2B	3.20 <sup>+0.15</sup> <sub>-0.05</sub>	1.50 <sup>+0.20</sup> <sub>-0.05</sub>	0.30 <sup>+0.15</sup> <sub>-0.05</sub>	0.40 <sup>+0.10</sup> <sub>-0.05</sub>
RH73 2E	3.20 <sup>+0.15</sup> <sub>-0.05</sub>	2.50 <sup>+0.20</sup> <sub>-0.05</sub>	0.80 <sup>+0.15</sup> <sub>-0.05</sub>	0.50 <sup>+0.10</sup> <sub>-0.05</sub>
RH73 3A	6.30 <sup>+0.15</sup> <sub>-0.05</sub>	3.20 <sup>+0.20</sup> <sub>-0.05</sub>	0.90 <sup>+0.15</sup> <sub>-0.05</sub>	0.60 <sup>+0.10</sup> <sub>-0.05</sub>



The RH 73 is not individually part marked.

### How to Order

Common Part	T.C.R.	Package Size	Resistance Value	Tolerance	Pack Style
RH73	H - 100ppm U - 250ppm W - 500ppm X - 1000ppm Y - 2000ppm Z - 3000ppm	1E - 04:02 1J - 06:03 *2A - 08:05 2B - 12:06 2E - 12:10 3A - 25:12 * Standard Part	10M ohm (10 <sup>7</sup> ohms) 10M 100M ohm (10 <sup>8</sup> ohms) 100M 1G ohm (10 <sup>9</sup> ohms) 1G0	G - 2% J - 5% K - 10% M - 20% N - 30%	TN - 1000 (plastic) TE - 4000 (plastic)

If no requirements for TCR, VCR and Voltage are given, the standard values (higher values in table) will be supplied. 10V is used for measuring

**sales action desk (01793) 611666**  
**sales fax line (01793) 611777**