

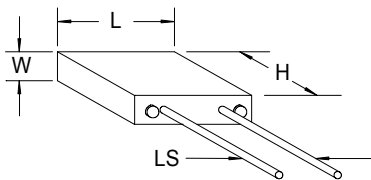
PRODUCT BULLETIN



RL-SERIES ULTRA PRECISION METAL FILM RESISTORS

WILLOW TECHNOLOGIES LTD.
SHAWLANDS COURT, NEWCHAPEL ROAD
LINGFIELD, SURREY, RH7 6BL, ENGLAND
Tel. + 44 (0) 1342 835234 Fax. + 44 (0) 1342 834306
E-mail rob@willow.co.uk
Website <http://www.willow.co.uk>

- Radial Leads
- Small Size
- Low TC
- High Stability



STAND-OFF- .015 THICK X .040 DIA.

Dimensions Inches (mm)

Style	Height	Length	Width	Lead Spacing	Lead Dia.	Lead Length
RL1	.300 Max. (7.62)	.300 Max. (7.62)	.100 Max. (2.54)	.150 (3.81)	.020 (.508)	1.00±.062 (25.4±1.57)
RL3	.300 Max. (7.62)	.300 Max. (7.62)	.100 Max. (2.54)	.150 (3.81)	.020 (.508)	1.00±.062 (25.4±1.57)
RL55	.380 Max. (9.62)	.300 Max. (7.62)	.100 Max. (2.54)	.150 (3.81)	.025 (.635)	1.00±.062 (25.4±1.57)

Specifications

Style	Temperature Coefficient	Resistance Range (Ohms)	Standard Tolerance	Wattage @85 C	Max. Voltage
RL1	20 PPM/ C 15 PPM/ C 10 PPM/ C 5 PPM/ C 2 PPM/ C	20 thru 500K	1%, .5% .25%, .10% .05%, .02% .01%	.1W	350V
RL3	20 PPM/ C 15 PPM/ C 10 PPM/ C 5 PPM/ C 2 PPM/ C	20 thru 500K	1%, .5% .25%, .10% .05%, .02% .01%	.3 W	350V
RL55	20 PPM/ C 15 PPM/ C 10 PPM/ C 5 PPM/ C 2 PPM/ C	20 thru 500K	1%, .5% .25%, .10% .05%, .02% .01%	.5 W	350V



DEDICATION TO EXCELLENCE

Subject to change without notice

Continued on reverse side

Typical Performance (100 ohms – 100K)

Ref: EIA RS-186 (where applicable) % Δ R

1000 Hr. Load Life At 60°C

.1W.....	±0.01
.3W.....	±0.01
Humidity.....	±0.01
Thermal Shock	±0.01
Short Time Overload.....	±0.01

	% Δ R
Effects Of Solder.....	<0.01
Insulation.....	>1000M
Noise Index.....	<-30dB
Voltage Coeff.....	<0.05 PPM/V
Shelf Life	<±50 PPM

Temperature Coefficients

TC20=0±20 PPM/°C – 20 to +85°C
TC15=0±15 PPM/°C – 20 to +85°C
TC10=0±10 PPM/°C – 20 to +85°C
TC5 =0±5 PPM/°C – 20 to +85°C
TC2 =0±2 PPM/°C – 20 to +85°C