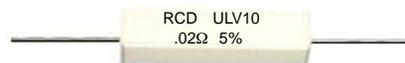


ULTRA-LOW RESISTANCE VALUES 0.005Ω to 0.1Ω

2 WATT to 20 WATT CERAMIC ENCASED PER MIL-R-49465

ULV SERIES



FEATURES

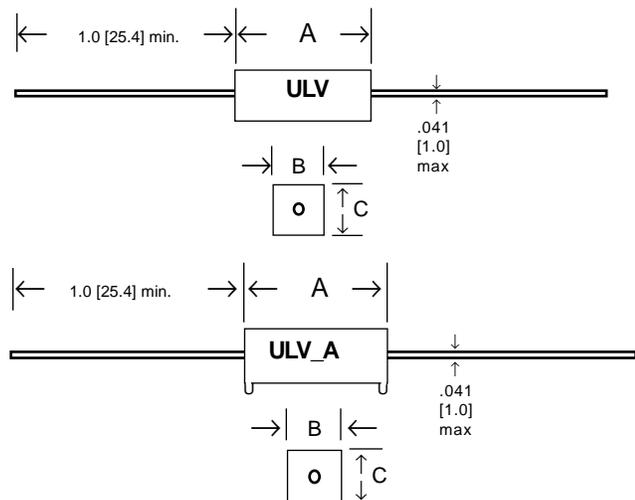
- Values as low as 0.005Ω, tolerances to ±0.5%
- Ceramic body results in a reduced temperature rise.
- Welded construction, fireproof, low-inductance.
- TCR: ±100ppm .1Ω and above, 150ppm .05 to .099Ω, 200ppm .025 to .0499Ω, 300ppm .01 to .0249Ω (20ppm available)
- Available on exclusive 'SWIFT' delivery program!

OPTIONS

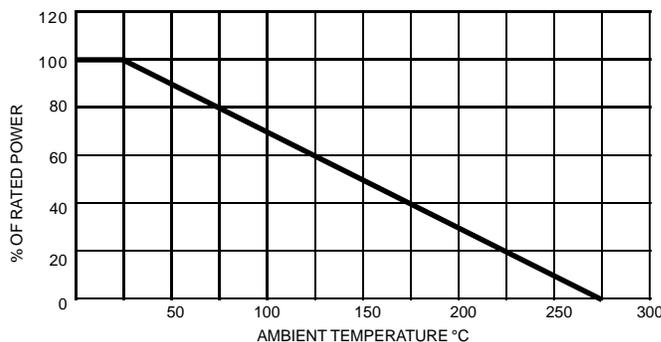
- Built-in standoffs available (Option A).
- Non-inductive design (Option X).

Ultra Low Value, 2-Terminal

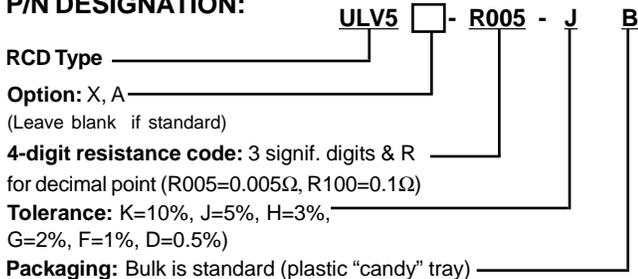
When ordering low value resistors please realize that the lead resistance can be a contributing factor. RCD measures the resistor at 3/8" ±1/32" from each end of the body (per MIL-R-49465). If in actual use, a different span from the resistor body to the PCB will be required, please advise at the time of ordering. It is recommended that customers use the 4-terminal LVF Series when the resistance tolerance is below 0.0005Ω.



DERATING:



P/N DESIGNATION:



RCD Type	Wattage Rating @ 25°C	MIL Type*	DIMENSIONS [Numbers in brackets are mm.]			
			A ±.04 [1.0]	B ±.032 [.81]	C ±.05 [1.3]	D (Opt. A only) ±.025 [.64]
ULV2	2W	-	.69 [17.5]	.25 [6.4]	.25 [6.4]	.06 [1.5]
ULV3	3W	-	.88 [22.4]	.31 [7.9]	.31 [7.9]	.06 [1.5]
ULV5	5W	RLV41	.88 [22.4]	.38 [9.7]	.35 [8.9]	.06 [1.5]
ULV7	7W	RLV42	1.39 [35.3]	.38 [9.7]	.35 [8.9]	.12 [3.0]
ULV10	10W	RLV43	1.88 [47.8]	.38 [9.7]	.38 [9.7]	.12 [3.0]
ULV15	15W	-	1.88 [47.8]	.50 [12.7]	.50 [12.7]	.12 [3.0]
ULV20	20W	-	2.50 [63.5]	.50 [12.7]	.50 [12.7]	.12 [3.0]

* Military part numbers are for references only and do not imply qualification.

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 Tel: 852-26900182 Fax: 852-26900213
 e-mail: sales@artland-tech.com
 www.artland-tech.com