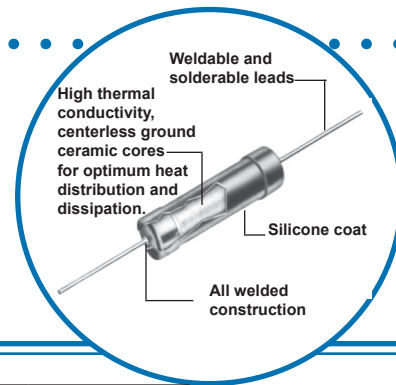


T SERIES



COMMERCIAL STYLES SEMI-PRECISION POWER WIREWOUND

- 0.1 ohm to 300K ohms
- 0.75 to 14 watts
- $\pm 0.1\%$ to $\pm 10\%$ tolerance
- Non-inductive windings available
- Lead-/free, ROHS Compliant Construction Available



SPECIFICATIONS:

Style	Similar To MIL-R-26 Style	Wattage Rating		Resistance Range (ohms)	
		U	V	Min Ω	Max K Ω
T-1/2	---	0.7	---	0.1	4
T-1/2-A81	RW81	1	---	0.1	4.5
T-1A	RW70	1	---	0.1	12
T-1A-71	RW70	1	---	0.1	12
T-1C	RW80	2	---	0.1	12
T-1-80	RW80	2	---	0.1	12
T-2A	---	3	3.7	0.1	25
T-2A-69	RW69	---	3	0.1	20
T-2B-79	RW79	3	---	0.1	40
T-3	---	4	5.5	0.1	38
T-5	---	5	6.5	0.1	45
T-5-74	RW74	5	---	0.1	94
T-6	---	6	7.5	0.1	65
T-6-67	RW67	5	6.5	0.1	92
T-7	---	7	9	0.1	115
T-7A-55	RW55	---	7	0.1	200
T-10A-56	RW56	---	14	0.1	300
T-10	---	10	13	0.1	300
T-10-78	RW78	10	---	0.1	300
T-10-67	RW67	---	11	0.1	300

* To Designate Non-Inductive Winding, Add Prefix "N" to style

T SERIES GENERAL SPECIFICATIONS:

Temperature Range	Characteristic U = -55°C to +275°C Characteristic V = -55°C to +350°C
Standard Temperature Coefficient	± 20 ppm/°C 10 Ω up ± 50 ppm/°C 1.0 Ω to 9.9 Ω ± 400 ppm/°C 0.50 Ω to 0.999 Ω ± 650 ppm/°C 0.1 Ω to 0.490 Ω
Special Temperature Coefficients	Available from -30 ppm/°C to +6000 ppm/°C Temperature range for special TC's -50°C to
Insulation Resistance	+150°C
Derating	1000 megohms minimum dry at 100 volts DC Wattage rating based on operation at 25°C Derate to zero at 275°C & 350°C for "U" and "V"

Lead Material:

Tinned copperweld is standard.

General Note
IRC reserves the right to make changes in product specification without notice or liability.
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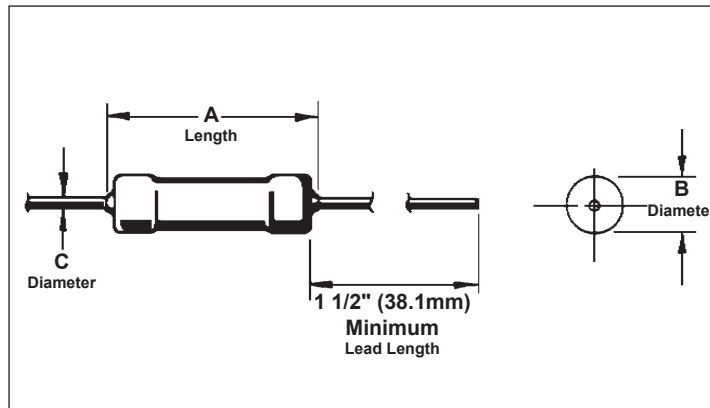
WIREWOUND AND FILM TECHNOLOGIES DIVISION

736 Greenway Road • Boone, North Carolina 28607-1860 • Tel: 828-264-8861 • Fax: 828-264-8866 • www.irctt.com



A subsidiary of
TT electronics plc

IRC/Shallcross Style	A		B		C	
	Inches	mm	Inches	mm	inches (± 0.002)	mm (± 0.05)
T-1/2	0.330 (± 0.062)	8.4 (± 1.6)	0.078 (± 0.031)	2.0 (± 0.8)	0.020	0.5
T-1/2-A81	0.250 (± 0.032)	6.4 (± 0.8)	0.085 (± 0.020)	2.2 (± 0.5)	0.020	0.5
T-1A	0.406 (± 0.032)	10.3 (± 1.6)	0.093 (± 0.032)	10.3 (± 1.6)	0.020	0.5
T-1A-70	0.406 (± 0.032)	10.3 (± 0.8)	0.094 (± 0.032)	2.4 (± 0.8)	0.020	0.5
T-1-80	0.406 (± 0.032)	10.3 (± 0.8)	0.094 (± 0.032)	2.4 (± 0.8)	0.020	0.5
T-1C	0.280 (± 0.062)	7.1 (± 1.6)	0.093 (± 0.031)	2.4 (± 0.8)	0.020	0.5
T-2A	0.500 (± 0.062)	12.7 (± 1.6)	0.187 (± 0.031)	4.8 (± 0.8)	0.032	0.8
T-2A-69	0.500 (± 0.063)	12.7 (± 1.6)	0.188 (± 0.063)	4.8 (± 1.6)	0.032	0.8
T-2B-79	0.560 (± 0.062)	14.2 (± 1.6)	0.187 (± 0.031)	4.8 (± 0.8)	0.032	0.8
T-3	0.625 (± 0.062)	15.8 (± 1.6)	0.250 (± 0.062)	6.3 (± 1.6)	0.040	1.0
T-5	0.875 (± 0.062)	22.2 (± 1.6)	0.312 (± 0.062)	7.9 (± 1.6)	0.040	1.0
T-5-74	0.875 (± 0.062)	22.2 (± 1.6)	0.312 (± 0.062)	7.9 (± 1.6)	0.040	1.0
T-6	1.000 (± 0.062)	25.4 (± 1.6)	0.312 (± 0.062)	8.0 (± 1.6)	0.040	1.0
T-6-67	1.000 (± 0.094)	25.4 (± 2.4)	0.313 (± 0.063)	8.0 (± 1.6)	0.032	0.8
T-7	1.185 (± 0.062)	30.0 (± 1.6)	0.312 (± 0.062)	8.0 (± 1.6)	0.040	1.0
T-7A-55	1.375 (± 0.094)	35.0 (± 2.4)	0.469 (± 0.094)	12 (± 2.4)	0.032	0.8
T-10A-56	2.000 (± 0.094)	50.8 (± 2.4)	0.469 (± 0.094)	12 (± 2.4)	0.032	0.8
T-10	1.812 (± 0.062)	46.0 (± 1.6)	0.375 (± 0.062)	9.5 (± 1.6)	0.040	1.0
T-10-78	1.780 (± 0.062)	45.2 (± 1.6)	0.375 (± 0.062)	9.5 (± 1.6)	0.040	1.0
T-10-68	1.875 (± 0.063)	47.6 (± 1.6)	0.344 (± 0.094)	8.7 (± 2.4)	0.032	0.8



HOW TO ORDER:

Sample Part No.:

T-2B79 **U** **49R9** **1%** **LF**
 Style _____
 Characteristic _____
 Resistance Value _____
 Tolerance _____
 $\pm 0.1\%$, $\pm 0.5\%$, $\pm 1\%$ _____
 Lead-Free Construction _____

General Note

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