



Type A / MIL-PRF-26 Type RW

Axial Lead - Power Precision Wirewound Resistors

Pacific Resistor Company

- AXIAL LEAD - .4 TO 20 WATTS**
- RoHS & NON INDUCTIVE STYLES AVAILABLE**
- MIL QUALIFIED - ALL WELDED**
- EXCELLENT TC LINEARITY**
- HIGH STABILITY & RELIABILITY**
- FAST DELIVERY ON ANY VALUE**
- EXTREME IMPULSE TOLERANCE**
- EXCELLENT THERMAL STABILITY**

The unique manufacturing, stabilization, and pre-load processes used by Pacific Resistor ensure that lifetime precision is maintained, surpassing MIL-PRF-26 and MIL-PRF-39007 requirements.

Axial Lead - Type A Specifications - Dimensions for both Coated & Molded Resistors

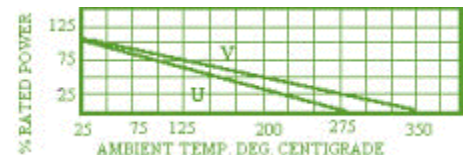
RESISTOR STYLE		WATTAGE RATING		COATED DIMENSIONS		MOLDED DIMENSIONS		LEAD DIMENSIONS		MAXIMUM RESISTOR VALUE	MAXIMUM WORKING VOLTAGE
PACIFIC STYLE	MIL-PRF-26 / 39007 Prefix	U	V	Body Length	Body Diameter	Body Length ±.015	Body Diameter ±.031	AWG	Inches ±.002		
04A	-	.4	.75	.250 ±.031	.078 ±.031	.250	.090	24	.020	3.5K	30
05A	-	.75	1	.350 ±.031	.090 ±.031	.330	.110	24	.020	6.0K	50
15A	RW70	1.25	2	.406 ±.031	.094 ±.031	.412	.115	24	.020	7.5K	75
20A	-	1.25	2	.540 ±.031	.110 ±.031	.550	.115	24	.020	10K	100
20B	-	1.5	2	.350 ±.031	.156 ±.031	-	-	20	.032	12.5K	100
S1A	-	1.75	2.5	.515 ±.062	.145 ±.031	.490	.162	22	.025	15K	150
N1A	RW69	3	3.75	.500 ±.063	.188 ±.063	.535	.220	20	.032	20K	200
1A	RW79 /RWR89	3	3.75	.560 ±.062	.187 ±.031	.610	.210	20	.032	20K	200
25A	-	4	4.5	.800 ±.062	.175 ±.031	.890	.210	20	.032	26K	200
2A	-	3.25	4.5	.510 ±.062	.235 ±.031	.535	.270	18	.040	20K	200
3A	-	4	5.5	.640 ±.062	.235 ±.031	.656	.270	18	.040	30K	200
5A	RW74/RWR74	5.5	7.5	.875 ±.062	.312 ±.031	.900	.312	18	.040	75K	400
7A	-	7	9	1.100 ±.062	.290 ±.031	1.187	.312	18	.040	100K	600
10A	RW78/RWR78	10	13	1.780 ±.062	.375 ±.031	1.825	.405	18	.040	200K	1000
55AC	RW55	7	9	1.375 ±.094	.469 ±.094	1.250	.470	18	.040	100K	600
56AC	RW56	10	12	2.000 ±.094	.469 ±.094	2.000	.470	18	.040	200K	1,000
14A	-	15		2.450 ±.094	.350 ±.094	-	-	18	.040	2,000	1,000
100A	-	20		2.800 ±.094	.350 ±.094	-	-	18	.040	2,000	1,000

Part Number Information:

(Sample part numbers) **15A - 15.4 - 1% - 1W**
 (RoHS sample part numbers) **15AE - 15.4 - 1% - 1W**

Style _____
 Resistance Value (ohms) _____
 Tolerance _____
 Watts _____

Inductive *Non-Inductive*
15AN - 15.4 - 1% - 1W
15AEN - 15.4 - 1% - 1W



A and B types are designed for high reliability and efficiency these resistors are outstanding in their high-power dissipation with precision tolerances as well as their transient absorption capabilities.

The very high performance Type B subminiature axial resistors for Exceptional Power to Size Ratios and employ Solid Beryllium or Alumina cores.

Both A and B styles provide SUPERB RELIABILITY and ultra-stable performance under the most rigorous of operating conditions.

Both types have high transient over load capacity and can be specifically optimized for pulse applications.

Their precision, all welded construction results in exceptional strength, stability, and reliability even under the most demanding, and extreme conditions. Pacific manufactures it's resistors in America under Mil-Spec Quality Control conditions. Resistors are available in any resistance value up to the maximum listed.

Far Superior Pulse and High Temperature Tolerances to Film Resistors, which require massive amounts of heat sinking and low Temperatures to prevent self-destruction.

The availability of Non-Inductive and RoHS compliant styles, combined with Pacific Resistor's fast deliveries on a vast choice of resistance values and tolerances adds up to increased flexibility for our customers.

Electrical

- **Non Inductive Styles Available**
- **RoHS compliant Styles Available**
- **Matched Sets Available**
- **Special TC's Available**
- **Tolerances:** 5%, 3%, 1%, .5%, .25%, .1%, .05%, .02%
- **Temperature Coefficient:**
 - 90 PPM < 1 OHM
 - 50 PPM < 10 OHM
 - 20 PPM > 10 OHM
- **Dielectric Strength:** All 1,000VRMS other than 04A, 05A - 500VRMS
- **Insulation Resistance:** not < 1000 Meg
- **Short Term Overload:** 5 Seconds at 10 times rated power for 4 watt size & over. 5 seconds at 5 times rated power for sizes under 4 watts.

Mechanical

- **Encapsulated:** Molded & Coated Types - All - High Temp. Silicone
- **Core:** Type A-Ceramic
- **End Caps:** Stainless Steel
- **Leads:** Tinned Copperweld (other available)
- **Solderability:** Meets Mil-Std-202 Method 208 & ANSI/J-Std-002
- **Construction:** Completely Welded
- **Marking:** Alpha Numeric
- **Special Configurations Available**

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