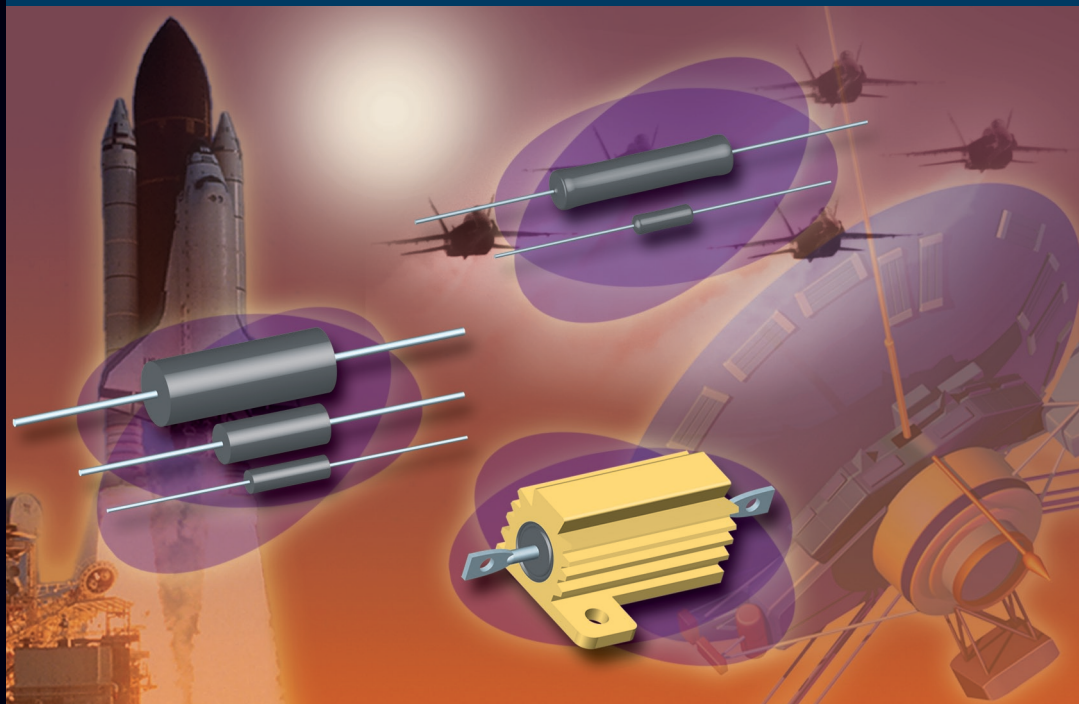




MILITARY WIREWOUND RESISTORS

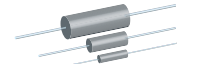
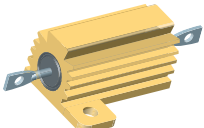
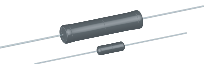
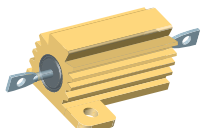


KEY BENEFITS

- Vishay Military Wirewound Resistors deliver:
 - A wide range of power ratings (1 watt to 120 watt)
 - A wide resistance range (0.01 Ω to 71.5 K Ω)
 - Low/high temperature performance (– 65 °C to + 350 °C)
 - Tight tolerances (down to ± 0.1 %)
 - Low temperature coefficient (down to ± 20 ppm/°C)
 - Excellent overload capability
 - Non-inductive, chassis mounted and weldable terminal styles available



Military Wirewound Resistors

Military Specification	Model	Part Number Definition	Wattage Rating	Resistance Range	Tolerance				
Non-Established Reliability Products									
	MIL-PRF-26	RW70U	RW80 U 49R9 F	1	0.1 Ω – 2.74 KΩ	± 0.5 %, ± 1 %*			
		RW81U	1 2 3 4	1	0.1 Ω – 1 KΩ	± 0.5 %, ± 1 %*			
		RW80U		2	0.1 Ω – 2.74 KΩ	± 0.5 %, ± 1 %*			
		RW79U	RW67 V 101	3	0.1 Ω – 6.49 KΩ	± 0.5 %, ± 1 %*			
		RW69V	1 2 3	3	0.1 Ω – 2.0 KΩ	± 5 %, ± 10 %			
		RW74U		5	0.1 Ω – 24.3 KΩ	± 0.5 %, ± 1 %*			
		RW67V	1. Style	6.5	0.1 Ω – 8.2 KΩ	± 5 %, ± 10 %			
		RW78U	2. Characteristic (derating curve)	10	0.1 Ω – 71.5 KΩ	± 0.5 %, ± 1 %*			
		RW68V	U = 250 °C	11	0.1 Ω – 20 KΩ	± 5 %, ± 10 %			
				V = 350 °C					
		3. Resistance value			*± 0.1 % available on limited range				
		4. Tolerance							
	MIL-PRF-49465	RLV10 (sheet 01)	M49465 06 T R0100 F	5	0.01 Ω – 0.5 Ω	± 1 %			
		RLV30 (sheet 06)	1 2 3 4 5	3	0.01 Ω – 0.2 Ω	± 1 %, ± 5 %			
		RLV31 (sheet 07)		5	0.01 Ω – 0.3 Ω	± 1 %, ± 5 %			
			1. Style						
			2. Specification sheet number						
		3. Characteristic (always T)							
		4. Resistance value							
		5. Tolerance							
	MIL-PRF-18546	RE60G	RE65 G 1001	5	0.1 Ω – 3.32 KΩ	± 1 %			
		RE60N	1 2 3	5	1.0 Ω – 1.65 KΩ				
		RE65G		10	0.1 Ω – 5.62 KΩ				
		RE65N	1. Style	10	1.0 Ω – 2.8 KΩ				
		RE70G	2. Characteristic – winding type	20	0.1 Ω – 12.1 KΩ				
		RE70N	G = Standard	20	1.0 Ω – 6.04 KΩ				
		RE75G	N = Non-inductive	30	0.1 Ω – 39.2 KΩ				
		RE75N	3. Resistance value	30	1.0 Ω – 19.6 KΩ				
		RE77G		75	0.05 Ω – 29.4 KΩ				
		RE77N	Note: tolerance is 1 %	75	1.0 Ω – 14.7 KΩ				
		RE80G		120	0.10 Ω – 35.7 KΩ				
		RE80N		120	1.0 Ω – 17.4 KΩ				
		Established Reliability Products							
			MIL-PRF-39007	RWR81S / RWR81W	RWR74 S 10R1 F R		1	0.1 Ω – 1 KΩ	± 0.5 %, ± 1 %
				RWR81N / RWR81Z	1 2 3 4 5		1	0.1 Ω – 499 Ω	
RWR82S / RWR82W				1.5	0.1 Ω – 1.3 KΩ				
RWR82N / RWR82Z	1. Style			1.5	0.1 Ω – 649 Ω				
RWR80S / RWR80W	2. Characteristic – winding type and terminal type			2	0.1 Ω – 3.16 KΩ				
RWR80N / RWR80Z	S = Standard wind, solderable			2	0.1 Ω – 1.58 KΩ				
RWR71S / RWR71W	W = Standard wind, weldable			2	0.1 Ω – 12.1 KΩ				
RWR71N / RWR71Z	N = Non-inductive wind, solderable			2	0.1 Ω – 6.04 KΩ				
RWR89S / RWR89W	Z = Non-inductive wind, weldable			3	0.1 Ω – 4.12 KΩ				
RWR89N / RWR89Z	3. Resistance value			3	0.1 Ω – 2.05 KΩ				
RWR74S / RWR74W	5			0.1 Ω – 12.1 KΩ					
RWR74N / RWR74Z	4. Tolerance			5	0.1 Ω – 6.04 KΩ				
RWR84S / RWR84W	5. Failure rate level			7	0.1 Ω – 12.4 KΩ				
RWR84N / RWR84Z				7	0.1 Ω – 6.19 KΩ				
RWR78S / RWR78W				10	0.1 Ω – 39.2 KΩ				
RWR78N / RWR78Z				10	0.1 Ω – 19.6 KΩ				
	MIL-PRF-39009			RER40	RER65 F 1001 R	5	1.0 Ω – 1.65 KΩ	± 1 %	
				RER45	1 2 3 4	10	1.0 Ω – 2.8 KΩ		
		RER50		20	1.0 Ω – 6.04 KΩ				
		RER55	1. Style	30	1.0 Ω – 4.99 KΩ				
		RER60	2. Tolerance	5	0.10 Ω – 3.32 KΩ				
		RER65	3. Resistance value	10	0.10 Ω – 5.62 KΩ				
		RER70	4. Failure rate level	20	0.10 Ω – 12.1 KΩ				
		RER75		30	0.10 Ω – 39.2 KΩ				

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