MILITARY PART ORDERING EXAMPLES

To help in ordering, the following are examples of military part numbers cross-referenced to Vishay Dale part numbers. For complete information on military part numbering, consult the specific military specification.

MIL-PRF-26 (Basic [RW]) (Established reliability alternate MIL-PRF-39007 [RWR])

Global/Military Part Numbering: RW80U49R9FB12
RW67V101S73

R	W	8	0	U	4	9	R	9	F	B	1	2

MIL TYPE	CHARACTERISTIC	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING CODE
RW67 **RW68** **RW69** **RW70** **RW74** **RW78** **RW79** **RW80** **RW81**	**U** = Max. hotspot 275 °C **V** = Max. hotspot 350 °C	**U Characteristic** 3 digit significant figure, followed by a multiplier **49R9** = 49.9 Ω **1000** = 100 Ω **1001** = 1000 Ω **V Characteristic** 2digit significant figure, followed by a multiplier **4R7** = 4.7 Ω **102** = 1000 Ω	Tolerance for **"U"** Characteristic only **B** = ± 0.1 % **D** = ± 0.5 % **F** = ± 1.0 % Tolerance for "V" characteristic is not listed and is as specified by MIL-PRF-26	**B12** = Bulk pack **S70** = Tape/reel (smaller than 5 W) **S73** = Tape/reel (5 W and higher)

MIL-PRF-18546 (Basic [RE]) (Established reliability alternate MIL-PRF-39009 [RER])

Global/Military Part Numbering: RE77N1302J01

R	E	7	7	N	1	3	0	2	J	0	1

MIL TYPE	CHARACTERISTIC	RESISTANCE VALUE	PACKAGING CODE
RE60 **RE65** **RE70** **RE75** **RE77** **RE80**	**G** = Inductive **N** = Noninductive	3 digit significant figure, followed by a multiplier **49R9** = 49.9 Ω **1000** = 100 Ω **1001** = 1000 Ω **1302** = 13 000 Ω	**C02** = Card pack **J01** = Skin pack

• Only tolerance available for RE type is ± 1 %

MIL-PRF-39009 (Established Reliability [RER]) (Basic is MIL-PRF-18549 [RE])

Global/Military Part Numbering: RER65F1001RC02

R	E	R	6	5	F	1	0	0	1	R	C	0	2

MIL TYPE	TOLERANCE CODE	RESISTANCE VALUE	FAILURE RATE	PACKAGING CODE
RER40 **RER45** **RER50** **RER55** **RER60** **RER65** **RER70** **RER75**	**F** = ± 1.0 %	3 digit significant figure, followed by a multiplier **49R9** = 49.9 Ω **1000** = 100 Ω **1001** = 1000 Ω	**M** = 1.0 %/1000 h **P** = 0.1 %/1000 h **R** = 0.01 %/1000 h	**C02** = Tin/lead, card pack

MIL-PRF-39007 (Established Reliability [RWR]) (Basic is MIL-PRF-26 [RW])

Global/Military Part Numbering: RWR74S49R9FSB12

R	W	R	7	4	S	4	9	R	9	F	S	B	1	2

MIL TYPE	TERMINAL WIRE AND WINDING	RESISTANCE VALUE	TOLERANCE CODE	FAILURE RATE	PACKAGING CODE
RWR71 **RWR74** **RWR78** **RWR80** **RWR81** **RWR82** **RWR84** **RWR89**	**S** = Solderable, inductive **N** = Solderable, noninductive **W** = Weldable, inductive **Z** = Weldable, noninductive	3 digit significant figure, followed by a multiplier **49R9** = 49.9 Ω **1000** = 100 Ω **1001** = 1000 Ω	**B** = ± 0.1 % **D** = ± 0.5 % **F** = ± 1.0 %	**M** = 1.0 %/1000 h **P** = 0.1 %/1000 h **R** = 0.01 %/1000 h **S** = 0.001 %/1000 h	**B12** = Bulk pack **S70** = Tape/reel (smaller than 5 W) **S73** = Tape/reel (5 W and higher)

MIL-PRF-49465 (Basic [RLV]) (Established reliability-none)

Global/Military Part Numbering: M4946506TR0100FB12

M	4	9	4	6	5	0	6	T	R	0	1	0	0	F	B	1	2

MIL TYPE	SPEC. SHEET NUMBER	CHARACTERISTIC	RESISTANCE VALUE	TOLERANCE CODE	PACKAGING CODE
M49465	**01** (RLV10) **06** (RLV30) **07** (RLV31)	**T**	**R0100** = 0.01 Ω **R1000** = 0.10 Ω	**F** = ± 1.0 % **H** = ± 3.0 % **J** = ± 5.0 %	**B12** = Bulk pack **S70** = Tape/reel (RLV30) **S73** = Tape/reel (RLV31) **J01** = Skin pack (RLV10)

STANDARD RESISTANCE VALUES FOR THE 10 TO 100 DECADE							
(B) 0.1 [1] (D) 0.5	(F) 1.0	(B) 0.1 [1] (D) 0.5	(F) 1.0	(B) 0.1 [1] (D) 0.5	(F) 1.0	(B) 0.1 [1] (D) 0.5	(F) 1.0
10.0	10.0	17.8	17.8	31.6	31.6	56.2	56.2
10.1		18.0	18.0	32.0		56.9	
10.2	10.2	18.2	18.2	32.4	32.4	57.6	57.6
10.4		18.4		32.8		58.3	
10.5	10.5	18.7	18.7	33.2	33.2	59.0	59.0
10.6		18.9		33.6		59.7	
10.7	10.7	19.1	19.1	34.0	34.0	60.4	60.4
10.9		19.3		34.4		61.2	
11.0	11.0	19.6	19.6	34.8	34.8	61.9	61.9
11.1		19.8		35.2		62.6	
11.3	11.3	20.0	20.0	35.7	35.7	63.4	63.4
11.4		20.3		36.1		64.2	
11.5	11.5	20.5	20.5	36.5	36.5	64.9	64.9
11.7		20.8		37.0		65.7	
11.8	11.8	21.0	21.0	37.4	37.4	66.5	66.5
12.0		21.3		37.9		67.3	
12.1	12.1	21.5	21.5	38.3	38.3	68.1	68.1
12.3		21.8		38.8		69.0	
12.4	12.4	22.1	22.1	39.2	39.2	69.8	69.8
12.6		22.3		39.7		70.6	
12.7	12.7	22.6	22.6	40.2	40.2	71.5	71.5
12.9		22.9		40.7		72.3	
13.0	13.0	23.2	23.2	41.2	41.2	73.2	73.2
13.2		23.4		41.7		74.1	
13.3	13.3	23.7	23.7	42.2	42.2	75.0	75.0
13.5		24.0		42.7		75.9	
13.7	13.7	24.3	24.3	43.2	43.2	76.8	76.8
13.8		24.6		43.7		77.7	
14.0	14.0	24.9	24.9	44.2	44.2	78.7	78.7
14.2		25.2		44.8		79.6	
14.3	14.3	25.5	25.5	45.3	45.3	80.6	80.6
14.5		25.8		45.9		81.6	
14.7	14.7	26.1	26.1	46.4	46.4	82.5	82.5
14.9		26.4		47.0		83.5	
15.0	15.0	26.7	26.7	47.5	47.5	84.5	84.5
15.2		27.1		48.1		85.6	
15.4	15.4	27.4	27.4	48.7	48.7	86.6	86.6
15.6		27.7		49.3		87.6	
15.8	15.8	28.0	28.0	49.9	49.9	88.7	88.7
16.0		28.4		50.5		89.8	
16.2	16.2	28.7	28.7	51.1	51.1	90.9	90.9
16.4		29.1		51.7		92.0	
16.5	16.5	29.4	29.4	52.3	52.3	93.1	93.1
16.7		29.8		53.0		94.2	
16.9	16.9	30.1	30.1	53.6	53.6	95.3	95.3
17.2		30.5		54.2		96.5	
17.4	17.4	30.9	30.9	54.9	54.9	97.6	97.6
17.6		31.2		55.6		98.8	

Note:

[1] Listing of resistance values for the B and D tolerance does not guarantee that all of these resistance values are available for all resistor models