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Silicone-Ceramic Conformal Wirewound Resistors



Dimensions

Power Rating	Max. Length-A		Max. Dia.-B		Leads Ga.	Weight (g)
	In.	mm	In.	mm		
1 W	.437	11.1	.125	3.2	24	.25
2 W	.406	10.3	.219	5.6	20	.50
3 W	.593	14.3	.218	6.4	20	1.00
5 W	.937	23.8	.343	8.7	18	3.00
10 W	1.842	46.8	.406	10.3	18	7.30

- Economical
- Applications Include Commercial, Industrial and Communications Equipment
- Stability Under High Temperature Conditions
- All-Welded Construction

Economical conformal silicone-ceramic coated resistors. These all-welded resistors are characterized by low temperature coefficients and resistance to thermal shock, ideal for communications and a wide range of electrical and electronic applications. Ceramic core and solder coated axial leads.

1 Watt 1% Tolerance

Stock No.	Mfr.'s Type	Ohms	EACH			
			1-9	10-24	25-49	50-99
296-0366	41F1R0	1	2.30	2.23	2.12	1.97
296-0359	41F3R0	3	2.30	2.23	2.12	1.97
296-0357	41F100	100	2.22	2.15	2.05	1.90
296-0365	41F470	470	2.22	2.15	2.05	1.90
296-0354	41F1K0	1K	2.80	2.71	2.58	2.40

1 Watt 5% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0370	41JR40	0.4	2.05	1.98	1.89	1.76	1.76
296-0374	41JR50	0.5	2.05	1.98	1.89	1.76	1.76
296-0376	41J1R0	1	2.05	1.98	1.89	1.76	1.76
296-0378	41J2R0	2	2.05	1.98	1.89	1.76	1.76
296-0379	41J50R	50	1.51	1.46	1.42	1.38	1.38
296-0382	41J100	100	2.22	2.15	2.05	1.90	1.90
296-0380	41J560	560	2.18	2.11	2.02	1.87	1.87
296-0385	41J1K0	1K	2.53	2.45	2.34	2.17	2.17

2 Watt 5% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0390	42JR10	0.1	2.05	1.98	1.89	1.76	1.76
296-0395	42JR20	0.2	2.05	1.98	1.89	1.76	1.76

2 Watt 5% Tolerance (continued)

Stock No.	Mfr.'s Type	Ohms	EACH			
			1-9	10-24	25-49	50-99
296-0396	42J33R	33	.97	.94	.89	.83
296-0397	42J56R	56	.97	.94	.89	.83
296-0399	42J270	270	.93	.90	.86	.80
296-0401	42J300	300	.93	.90	.86	.80

3 Watt 1% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0400	43FR10	0.1	1.82	1.76	1.68	1.56	1.56
296-0405	43FR20	0.2	1.82	1.76	1.68	1.56	1.56
296-0406	43FR30	0.3	1.82	1.76	1.68	1.56	1.56
296-0410	43FR50	0.5	1.82	1.76	1.68	1.56	1.56
296-0411	43F1R0	1	1.43	1.39	1.32	1.23	1.23
296-0412	43F10R	10	1.18	1.15	1.09	1.01	1.01
296-0413	43F15R	15	1.18	1.15	1.09	1.01	1.01
296-0416	43F68R	68	1.18	1.15	1.09	1.01	1.01
296-0415	43F82R	82	1.18	1.15	1.09	1.01	1.01
296-0417	43F100	100	1.00	.97	.92	.86	.86
296-0419	43F1K0	1K	1.23	1.19	1.14	1.06	1.06
296-0421	43F10K	10K	2.45	2.37	2.26	2.10	2.10

3 Watt 5% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0420	43JR10	0.1	1.60	1.55	1.48	1.37	1.37
296-0422	43JR15	0.15	1.60	1.55	1.48	1.37	1.37
296-0423	43JR20	0.2	1.60	1.55	1.48	1.37	1.37
296-0425	43JR30	0.3	1.29	1.25	1.21	1.17	1.17
296-0430	43JR50	0.5	1.60	1.55	1.48	1.37	1.37
296-0435	43J1R0	1	.93	.87	.84	.81	.81
296-0437	43J5R0	5	1.05	1.02	.97	.90	.90
296-0438	43J10R	10	.93	.90	.86	.80	.80
296-0439	43J15R	15	.93	.90	.86	.80	.80
296-0442	43J47R	47	1.08	.90	.86	.80	.80
296-0443	43J50R	50	.93	.90	.86	.80	.80
296-0440	43J68R	68	.93	.90	.86	.80	.80

296-0444	43J100	100	.88	.85	.82	.76	.76
296-0445	43J125	125	.88	.85	.82	.76	.76
296-0446	43J150	150	.88	.85	.82	.76	.76
296-0447	43J180	180	.88	.85	.82	.76	.76

296-0448	43J220	220	.88	.85	.82	.76	.76
296-0449	43J500	500	.88	.85	.82	.76	.76
296-0451	43J680	680	.88	.85	.82	.76	.76
296-0453	43J1K0	1K	1.05	1.02	.97	.90	.90

296-0454	43J2K0	2K	1.43	1.39	1.32	1.23	1.23
296-0456	43J2K2	2.2K	1.43	1.39	1.32	1.23	1.23
296-0457	43J3K0	3K	1.75	1.69	1.62	1.50	1.50
296-0458	43J10K	10K	1.98	1.92	1.83	1.70	1.70

5 Watt 1% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0450	45FR10	0.1	2.03	1.97	1.88	1.74	1.74
296-0455	45FR15	0.15	1.80	1.65	1.60	1.55	1.55
296-0460	45FR20	0.2	2.03	1.97	1.88	1.74	1.74
296-0465	45FR50	0.5	2.03	1.97	1.88	1.74	1.74

5 Watt 1% Tolerance (continued)

Stock No.	Mfr.'s Type	Ohms	EACH			
			1-9	10-24	25-49	50-99
296-0466	45FR75	0.75	2.03	1.97	1.88	1.74
296-0467	45F1R0	1	1.40	1.35	1.29	1.20
296-0468	45F2R0	2	1.40	1.35	1.29	1.20
296-0470	45F15R	15	1.25	1.21	1.15	1.07
296-0471	45F150	150	1.18	1.15	1.09	1.01

296-0472	45F200	200	1.18	1.15	1.09	1.01
296-0473	45F470	470	1.18	1.15	1.09	1.01
296-0474	45F750	750	1.18	1.15	1.09	1.01
296-0476	45F20K	20K	2.72	2.63	2.51	2.33
296-0475	45F30K	30K	2.72	2.63	2.51	2.33

5 Watt 5% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0480	45JR10	0.1	1.75	1.69	1.62	1.50	1.50
296-0481	45JR15	0.15	1.75	1.69	1.62	1.50	1.50
296-0482	45JR20	0.2	1.75	1.69	1.62	1.50	1.50
296-0483	45JR40	0.4	1.77	1.71	1.64	1.52	1.52
296-0484	45JR75	0.75	1.75	1.69	1.62	1.50	1.50

296-0486	45J1R0	1	1.23	1.19	1.14	1.06	1.06
296-0485	45J5R0	5	1.23	1.19	1.14	1.06	1.06
296-0490	45J10R	10	1.00	.97	.92	.86	.86
296-0491	45J15R	15	1.00	.97	.92	.86	.86
296-0492	45J22R	22	1.00	.97	.92	.86	.86
296-0493	45J25R	25	1.00	.97	.92	.86	.86
296-0495	45J50R	50	1.00	.97	.92	.86	.86
296-0496	45J100	100	1.00	.97	.92	.86	.86
296-0500	45J150	150	1.00	.97	.92	.86	.86
296-0506	45J1K0	1K	1.35	1.31	1.24	1.15	1.15
296-0507	45J7K5	7.5K	1.82	1.76	1.68	1.56	1.56
296-0508	45J10K	10K	2.37	2.29	2.18	2.03	2.03

10 Watt 1% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0345	40FR10	0.1	2.52	2.44	2.32	2.16	2.16
296-0346	40F4R0	4	1.97	1.90	1.82	1.69	1.69
296-0347	40F5R0	5	1.97	1.90	1.82	1.69	1.69
296-0348	40F68R	68	1.70	1.65	1.57	1.46	1.46
296-0349	40F300	300	1.57	1.52	1.45	1.34	1.34
296-0351	40F600	600	1.57	1.52	1.45	1.34	1.34

10 Watt 5% Tolerance

Stock No.	Mfr.'s Type	Ohms	Watts	EACH			
				1-9	10-24	25-49	50-99
296-0350	40JR10	0.1	2.18	2.11	2.02	1.87	1.87
296-0352	40J3R0	3	1.75	1.69	1.62	1.50	1.50
296-0355	40J10R	10	1.51	1.46	1.42	1.38	1.38
296-0360	40J15R	15	1.47	1.42	1.35	1.26	1.26

296-0361	40J18R	18	1.47	1.42	1.35	1.26	1.26
296-0362	40J22R	22	1.47	1.42	1.35	1.26	1.26
296-0363	40J25R	25	1.47	1.42	1.35	1.26	1.26
296-0364	40J50R	50	1.47	1.42	1.35	1.26	1.26

296-0356	40J100	100	1.47	1.42	1.35	1.26	1.26
296-0367	40J200	200	1.47	1.42	1.35	1.26	1.26
296-0368	40J600	600	1.47	1.42	1.35	1.26	1.26
296-0371	40J2K5	2.5K	1.58	1.53	1.46	1.36	1.36

80 Series 1% Tolerance

- High Stability $\pm 1\% \Delta R$
- Designed for Precision Power Applications
- In Accordance with Mil-R-26 Specification

- Resistors Marked with "Mil" Designation and Ohmite Stock Part Number
- All Welded Construction

Silicone-Ceramic Conformal Wirewound Resistors

High quality conformal silicone-ceramic coated resistors for applications requiring high precision, power and stability. These resistors have a low temperature coefficient and maintain a high degree of stability under demanding conditions. They feature all-welded construction and have the ability to maintain accurate resistance values due to being stabilized. Meet or exceed MIL-R-26 specifications. Ceramic core with solder coated axial leads. Parts are marked with both Mil designation and Ohmite stock part number.

Stock No.	Mfr.'s Type	Ohms	Watts	EACH
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