

OHMITE G Series Capacitor Discharge Resistors



Specifications:

- Temperature Range: -55°C to 200°C
- Terminal Strength: >25N
- Derating: 25°C to 350°C, Linearly
- TCR: ±100 ppm/°C
- Tolerance: ±5%, ±1% available

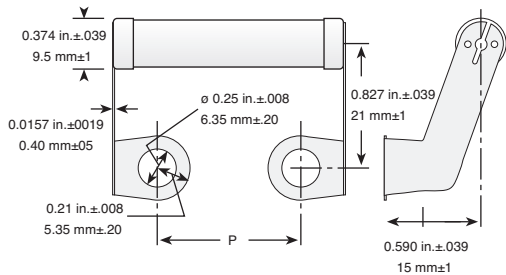


RoHS Compliant

Dimensions: P (in./mm)	
GW10	0.866 / 22.0
GW13	1.252 / 31.8

Features:

- High Power Dissipation up to 13W @25°C
- Specially Designed to meet Repetitive Pulse Loading
- Corrosion Resistant Terminals for long life
- Superior Vibration Resistance
- IEC 115-1 Reference Standard



10 Watts

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	10	100	250	500	1000
588-GW10J1K00E	GW10J1K00E	1K	4.84	4.30	3.87	3.44	3.23	3.01
588-GW10J2K50E	GW10J2K50E	2.5K	4.84	4.30	3.87	3.44	3.23	3.01
588-GW10J5K00E	GW10J5K00E	5K	4.84	4.30	3.87	3.44	3.23	3.01
588-GW10J7K50E	GW10J7K50E	7.5K	4.84	4.30	3.87	3.44	3.23	3.01
588-GW10J10K0E	GW10J10K0E	10K	4.84	4.30	3.87	3.44	3.23	3.01
588-GW10J15K0E	GW10J15K0E	15K	4.84	4.30	3.87	3.44	3.23	3.01
588-GW10J20K0E	GW10J20K0E	20K	4.90	4.36	3.92	3.48	3.28	3.06
588-GW10J25K0E	GW10J25K0E	25K	4.90	4.36	3.92	3.48	3.28	3.06
588-GW10J40K0E	GW10J40K0E	40K	4.98	4.42	3.98	3.54	3.32	3.09
588-GW10J50K0E	GW10J50K0E	50K	5.08	4.52	4.07	3.62	3.39	3.17
588-GW10J75K0E	GW10J75K0E	75K	5.63	5.00	4.50	4.00	3.75	3.50

13 Watts

For quantities of 2000 and up, call for quote.

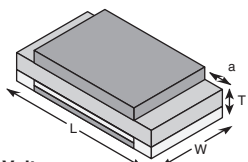
MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	10	100	250	500	1000
588-GW13J1K00E	GW13J1K00E	1K	4.48	3.98	3.58	3.19	2.99	2.93
588-GW13J2K50E	GW13J2K50E	2.5K	4.48	3.98	3.58	3.19	2.99	2.93
588-GW13J5K00E	GW13J5K00E	5K	4.48	3.98	3.58	3.19	2.99	2.93
588-GW13J7K50E	GW13J7K50E	7.5K	4.48	3.98	3.58	3.19	2.99	2.93
588-GW13J10K0E	GW13J10K0E	10K	4.48	3.98	3.58	3.19	2.99	2.93
588-GW13J15K0E	GW13J15K0E	15K	4.48	3.98	3.58	3.19	2.99	2.93
588-GW13J20K0E	GW13J20K0E	20K	4.57	4.06	3.65	3.25	3.05	3.00
588-GW13J25K0E	GW13J25K0E	25K	4.57	4.06	3.65	3.25	3.05	3.00
588-GW13J40K0E	GW13J40K0E	40K	4.61	4.10	3.69	3.28	3.08	3.00
588-GW13J50K0E	GW13J50K0E	50K	4.71	4.18	3.76	3.34	3.14	3.10
588-GW13J75K0E	GW13J75K0E	75K	5.20	4.62	4.16	3.69	3.46	3.41

OHMITE HVF Series High Voltage Flip Chip Resistors



Power Resistors

Ohmite



Specifications:

- Resistance Tolerance: ±1% (* = ±5%)
- Temperature Coefficient: ±100ppm std.
- Coating: Silicone
- Solder Pad Material: Silver (PdAg)

Features:

- High voltage up to 3,000 volts
- Industry standard sizes
- Working temperature range -55°C to 200°C
- Designed for automatic insertion

Series	Power Rating (mW)	Voltage Rating	Dim. L ±0.008	Dim. W ±0.008	Dim. a ±0.008	T (max.)	Qty./Reel
HVF1206	300	1,500	0.128	0.063	0.018	0.028	5000
HVF2512	1000	3,000	0.252	0.126	0.026	0.032	4000

3K Volt

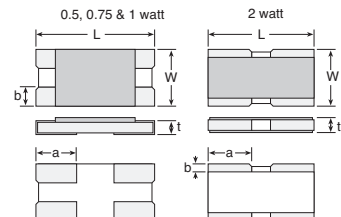
MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	10	100	250	500	1000
588-HVF2512T2502FE	HVF2512T2502FE	25K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T5002FE	HVF2512T5002FE	50K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T7502FE	HVF2512T7502FE	75K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T1003FE	HVF2512T1003FE	100K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T2503FE	HVF2512T2503FE	250K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T5003FE	HVF2512T5003FE	500K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T1004FE	HVF2512T1004FE	1000K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T1504FE	HVF2512T1504FE	1500K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T2004FE	HVF2512T2004FE	2000K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T2504FE	HVF2512T2504FE	2500K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T5004FE	HVF2512T5004FE	5000K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T7504FE	HVF2512T7504FE	7500K	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T1007FE	HVF2512T1007FE	1G	4.73	3.63	2.68	2.15	2.11	2.08
588-HVF2512T5007FE	HVF2512T5007FE	5G	4.73	3.63	2.68	2.15	2.11	2.08

1.5K Volt

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	10	100	250	500	1000
588-HVF1206T2502FE	HVF1206T2502FE	25K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T5002FE	HVF1206T5002FE	50K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T7502FE	HVF1206T7502FE	75K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T1003FE	HVF1206T1003FE	100K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T2503FE	HVF1206T2503FE	250K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T5003FE	HVF1206T5003FE	500K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T1004FE	HVF1206T1004FE	1000K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T1504FE	HVF1206T1504FE	1500K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T2004FE	HVF1206T2004FE	2000K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T2504FE	HVF1206T2504FE	2500K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T5004FE	HVF1206T5004FE	5000K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T7504FE	HVF1206T7504FE	7500K	4.42	3.41	2.51	2.25	2.01	1.95
588-HVF1206T1007JE	HVF1206T1007JE	1G *	3.98	3.07	2.26	2.00	1.81	1.76
588-HVF1206T1008JE	HVF1206T1008JE	10G *	3.95	3.04	2.24	1.98	1.80	1.75

OHMITE Four Terminal Current Sense Resistors



RoHS Compliant

Series	Case Size	Voltage Rating	Dimensions: mm				
			L	W	a	b	T (max.)
LVK12	(1206)	1.6±0.2	3.2±0.2	0.5±0.15	1±0.2	0.55±0.2	0.5±0.15
LVK20	(2010)	2.5±0.2	5±0.2	0.5±0.15	1.7±0.2	0.9±0.2	0.5±0.15
LVK24	(2412)	3.2±0.2	6.4±0.2	0.5±0.15	2.1±0.2	1.2±0.2	0.5±0.15
LVK25	(1224)	3.2±0.2	6.4±0.2	0.5±0.2	2.7±0.2	0.4±0.2	0.5±0.2

Specifications:

- Resistance Range: 0.001Ω - 0.05Ω
- Operating Temperature Range: -40~+125°C
- Rated Ambient Temperature: +70°C
- Resistance Tolerance: 1% standard, 0.5% available
- Temperature Coefficient: 50ppm and 100ppm standard
- Terminals: 100% matte tin

Features:

- Designed for automatic insertion
- Industry standard sizes
- High-precision kelvin connect capability in a small package
- Working temp. range -55°C ~ 200°C

.5 Watt

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	25	50	100	500	1000
588-LVK12R010FER	LVK12R010FER	0.010	.43	.40	.36	.32	.25	.23
588-LVK12R012FER	LVK12R012FER	0.012	.49	.46	.41	.36	.29	.26
588-LVK12R020FER	LVK12R020FER	0.020	.49	.46	.41	.36	.29	.26
588-LVK12R024FER	LVK12R024FER	0.024	.49	.46	.41	.36	.29	.26
588-LVK12R030FER	LVK12R030FER	0.030	.49	.46	.41	.36	.29	.26
588-LVK12R047FER	LVK12R047FER	0.047	.49	.46	.41	.36	.29	.26
588-LVK12R050FER	LVK12R050FER	0.050	.49	.46	.41	.36	.29	.26

.75 Watt

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	25	50	100	500	1000
588-LVK20R010FER	LVK20R010FER	0.010	.71	.65	.58	.52	.41	.37
588-LVK20R015FER	LVK20R015FER	0.015	.80	.73	.65	.58	.46	.42
588-LVK20R020FER	LVK20R020FER	0.020	.71	.65	.58	.52	.41	.37
588-LVK20R027FER	LVK20R027FER	0.027	.80	.73	.65	.58	.46	.42
588-LVK20R030FER	LVK20R030FER	0.030	.80	.73	.65	.58	.46	.42
588-LVK20R039FER	LVK20R039FER	0.039	.80	.73	.65	.58	.46	.42
588-LVK20R050FER	LVK20R050FER	0.050	.80	.73	.65	.58	.46	.42

1 Watt

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	25	50	100	500	1000
588-LVK24R010FER	LVK24R010FER	0.010	1.12	1.03	.93	.82	.66	.57
588-LVK24R012FER	LVK24R012FER	0.012	1.12	1.03	.93	.82	.66	.57
588-LVK24R015FER	LVK24R015FER	0.015	1.12	1.03	.93	.82	.66	.57
588-LVK24R020FER	LVK24R020FER	0.020	1.12	1.03	.93	.82	.66	.57
588-LVK24R030FER	LVK24R030FER	0.030	1.12	1.03	.93	.82	.66	.57
588-LVK24R039FER	LVK24R039FER	0.039	1.12	1.03	.93	.82	.66	.57
588-LVK24R047FER	LVK24R047FER	0.047	1.12	1.03	.93	.82	.66	.57
588-LVK24R050FER	LVK24R050FER	0.050	1.12	1.03	.93	.82	.66	.57

2 Watt

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Ohmite Part Number	Value (Ω)	Price Each					
			1	25	50	100	500	1000
588-LVK25R001FER	LVK25R001FER	0.001	1.63	1.48	1.33	1.18	.94	.83
588-LVK25R002FER	LVK25R002FER	0.002	1.63	1.48	1.33	1.18	.94	.83
588-LVK25R003FER	LVK25R003FER	0.003	1.45	1.32	1.19	1.05	.84	.74
588-LVK25R005FER	LVK25R005FER	0.005	1.63	1.48	1.33	1.18	.94	.83
588-LVK25R010FER	LVK25R010FER	0.010	1.63	1.48	1.33	1.18	.94	.83