

OHMITE Power Resistors



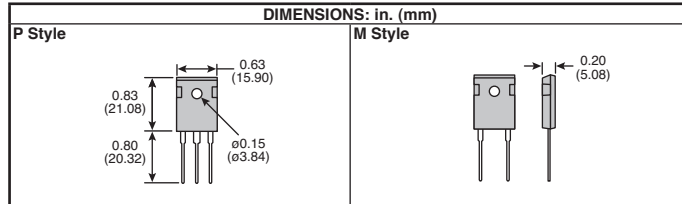
OHMITE TEH70 SERIES - TO-247 PACKAGE

Features:

- 70 watt power rating at 25°C case temperature
- Non-inductive performance
- Low thermal resistance

Specifications:

- Materials: Resistor: thick film on alumina
Lead: solder coated phosphor bronze
Solder: 100% sn



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Tolerance	Price Each			
				1	25	50	100
588-TEH70P2R00JE	TEH70P2R00JE	2	5%	11.55	10.15	9.35	9.24
588-TEH70P3R00JE	TEH70P3R00JE	3	5%	11.55	10.15	9.35	9.24
588-TEH70P4R00JE	TEH70P4R00JE	4	5%	11.55	10.15	9.35	9.24
588-TEH70P10R0JE	TEH70P10R0JE	10	5%	11.55	10.15	9.35	9.24
588-TEH70P15R0JE	TEH70P15R0JE	15	5%	11.55	10.15	9.35	9.24
588-TEH70P20R0JE	TEH70P20R0JE	20	5%	11.55	10.15	9.35	9.24
588-TEH70P47R0JE	TEH70P47R0JE	47	5%	11.55	10.15	9.35	9.24
588-TEH70P68R0JE	TEH70P68R0JE	68	5%	11.55	10.15	9.35	9.24
588-TEH70P100RJE	TEH70P100RJE	100	5%	11.55	10.15	9.35	9.24
588-TEH70P470RJE	TEH70P470RJE	470	5%	11.55	10.15	9.35	9.24
588-TEH70P750RJE	TEH70P750RJE	750	5%	11.55	10.15	9.35	9.24
588-TEH70P1K00JE	TEH70P1K00JE	1K	5%	11.55	10.15	9.35	9.24
588-TEH70P1K50JE	TEH70P1K50JE	1.5K	5%	11.55	10.15	9.35	9.24
588-TEH70P2K00JE	TEH70P2K00JE	2K	5%	11.55	10.15	9.35	9.24
588-TEH70P5K00JE	TEH70P5K00JE	5K	5%	11.55	10.15	9.35	9.24
588-TEH70P7K50JE	TEH70P7K50JE	7.5K	5%	11.55	10.15	9.35	9.24
588-TEH70M2R00JE	TEH70M2R00JE	2	5%	12.13	10.42	10.08	9.70
588-TEH70M3R00JE	TEH70M3R00JE	3	5%	12.13	10.42	10.08	9.70

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MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Tolerance	Price Each			
				1	25	50	100
588-TEH70M5R00JE	TEH70M5R00JE	5	5%	12.13	10.42	10.08	9.70
588-TEH70M7R50JE	TEH70M7R50JE	7.5	5%	12.13	10.42	10.08	9.70
588-TEH70M10R0JE	TEH70M10R0JE	10	5%	12.13	10.42	10.08	9.70
588-TEH70M15R0JE	TEH70M15R0JE	15	5%	12.13	10.42	10.08	9.70
588-TEH70M33R0JE	TEH70M33R0JE	33	5%	12.13	10.42	10.08	9.70
588-TEH70M39R0JE	TEH70M39R0JE	39	5%	12.13	10.42	10.08	9.70
588-TEH70M47R0JE	TEH70M47R0JE	47	5%	12.13	10.42	10.08	9.70
588-TEH70M68R0JE	TEH70M68R0JE	68	5%	12.13	10.42	10.08	9.70
588-TEH70M75R0JE	TEH70M75R0JE	75	5%	12.13	10.42	10.08	9.70
588-TEH70M100RJE	TEH70M100RJE	100	5%	12.13	10.42	10.08	9.70
588-TEH70M150RJE	TEH70M150RJE	150	5%	12.13	10.42	10.08	9.70
588-TEH70M270RJE	TEH70M270RJE	270	5%	12.13	10.42	10.08	9.70
588-TEH70M470RJE	TEH70M470RJE	470	5%	12.13	10.42	10.08	9.70
588-TEH70M680RJE	TEH70M680RJE	680	5%	12.13	10.42	10.08	9.70
588-TEH70M1K00JE	TEH70M1K00JE	1K	5%	12.13	10.42	10.08	9.70
588-TEH70M1K50JE	TEH70M1K50JE	1.5K	5%	12.13	10.42	10.08	9.70
588-TEH70M10K0JE	TEH70M10K0JE	10K	5%	12.13	10.42	10.08	9.70
588-TEH70M5K00JE	TEH70M5K00JE	5K	5%	12.13	10.42	10.08	9.70

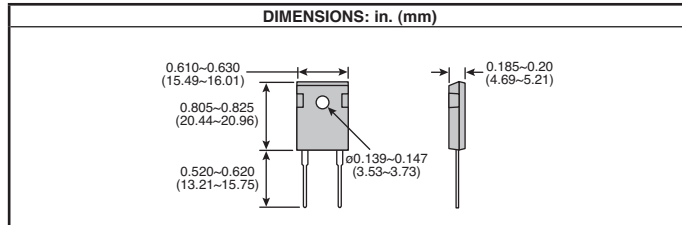
OHMITE TEH100 SERIES - TO-247 PACKAGE

Features:

- 100 watt power rating at 25°C case temperature
- Non-inductive performance
- Low thermal resistance
- A totally molded housing for environmental protection
- Resistor package totally insulated from heat sink

Specifications:

- Materials: Resistor: thick film on alumina
Case: high temperature plastic
Lead Material: Tinned Copper
- Installation, max torque: 0.9Nm using an M3 screw and a compression washer



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Tolerance	Price Each			
				1	25	50	100
588-TEH100M1R00FE	TEH100M1R00FE	1	1%	9.97	8.88	7.98	7.09
588-TEH100M2R00FE	TEH100M2R00FE	2	1%	9.97	8.88	7.98	7.09
588-TEH100M2R50FE	TEH100M2R50FE	2.5	1%	9.97	8.88	7.98	7.09
588-TEH100M3R00FE	TEH100M3R00FE	3	1%	9.97	8.88	7.98	7.09
588-TEH100M5R00FE	TEH100M5R00FE	5	1%	9.97	8.88	7.98	7.09
588-TEH100M7R50FE	TEH100M7R50FE	7.5	1%	9.97	8.88	7.98	7.09
588-TEH100M10R0FE	TEH100M10R0FE	10	1%	9.97	8.88	7.98	7.09
588-TEH100M15R0FE	TEH100M15R0FE	15	1%	9.97	8.88	7.98	7.09
588-TEH100M20R0FE	TEH100M20R0FE	20	1%	9.97	8.88	7.98	7.09
588-TEH100M25R0FE	TEH100M25R0FE	25	1%	9.97	8.88	7.98	7.09
588-TEH100M50R0FE	TEH100M50R0FE	50	1%	9.97	8.88	7.98	7.09
588-TEH100M100RFE	TEH100M100RFE	100	1%	9.97	8.88	7.98	7.09
588-TEH100MR050JE	TEH100MR050JE	0.05	5%	11.36	10.77	9.59	8.11
588-TEH100MR075JE	TEH100MR075JE	0.075	5%	11.36	10.77	9.59	8.11
588-TEH100MR100JE	TEH100MR100JE	0.1	5%	11.36	10.77	9.59	8.11
588-TEH100MR200JE	TEH100MR200JE	0.2	5%	11.36	10.77	9.59	8.11

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Tolerance	Price Each			
				1	25	50	100
588-TEH100MR500JE	TEH100MR500JE	0.5	5%	11.36	10.77	9.59	8.11
588-TEH100M1R00JE	TEH100M1R00JE	1	5%	9.87	8.81	7.95	7.05
588-TEH100M2R00JE	TEH100M2R00JE	2	5%	9.87	8.81	7.95	7.05
588-TEH100M2R50JE	TEH100M2R50JE	2.5	5%	9.87	8.81	7.95	7.05
588-TEH100M3R00JE	TEH100M3R00JE	3	5%	9.87	8.81	7.95	7.05
588-TEH100M5R00JE	TEH100M5R00JE	5	5%	9.87	8.81	7.95	7.05
588-TEH100M7R50JE	TEH100M7R50JE	7.5	5%	9.87	8.81	7.95	7.05
588-TEH100M10R0JE	TEH100M10R0JE	10	5%	9.87	8.81	7.95	7.05
588-TEH100M15R0JE	TEH100M15R0JE	15	5%	9.87	8.81	7.95	7.05
588-TEH100M20R0JE	TEH100M20R0JE	20	5%	9.87	8.81	7.95	7.05
588-TEH100M24R0JE	TEH100M24R0JE	24	5%	9.87	8.81	7.95	7.05
588-TEH100M50R0JE	TEH100M50R0JE	50	5%	9.87	8.81	7.95	7.05
588-TEH100M100RJE	TEH100M100RJE	100	5%	9.87	8.81	7.95	7.05
588-TEH100M470RJE	TEH100M470RJE	470	5%	9.87	8.81	7.95	7.05
588-TEH100M750RJE	TEH100M750RJE	750	5%	9.87	8.81	7.95	7.05
588-TEH100M1K00JE	TEH100M1K00JE	1K	5%	9.87	8.81	7.95	7.05

OHMITE TFS SERIES SURGE CAPABLE THICK FILM RESISTORS

Features:

- Ideal for medical surge protection applications
- Ideal to replace standard carbon composition resistors

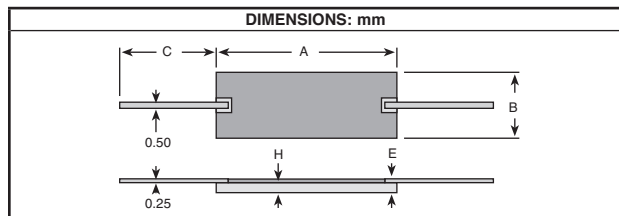
Materials:

- Resistive Element: Thick Film
- Encapsulation: Screen Printed Glass
- Temperature Coefficient: 100ppm/°C
- Operating Temperature: -55°C to +200°C
- Test: VDE 0750 (Pulse Duration 10msec)



RoHS Compliant

For quantities greater than listed, call for quote.



Type	Dimensions: mm				
	A	B	C	H	E
TFSA	9	5.5	10	0.7	1.1
TFSE	13	5.5	10	0.7	1.1
TFSE	21	10.5	10	0.9	1.3

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	U (KV)	Power (W)	Energy (J)	Price Each				
						1	10	25	50	100
588-TFSA4K70JE	TFSA4K70JE	4.7K	3	0.5	6	3.52	3.31	3.13	3.05	2.97
588-TFSA27K0JE	TFSA27K0JE	27K	3	0.5	6	3.52	3.31	3.13	3.05	2.97
588-TFSA75K0JE	TFSA75K0JE	75K	3	0.5	6	3.52	3.31	3.13	3.05	2.97
588-TFSC270RJE	TFSC270RJE	270	4	0.75	11	3.67	3.55	3.40	3.24	3.11
588-TFSC680RJE	TFSC680RJE	680	4	0.75	11	3.50	3.38	3.24	3.09	2.96
588-TFSC1K50JE	TFSC1K50JE	1.5K	4	0.75	11	3.67	3.55	3.40	3.24	3.11
588-TFSC4K70JE	TFSC4K70JE	4.7K	4	0.75	11	3.67	3.55	3.40	3.24	3.11
588-TFSC27K0JE	TFSC27K0JE	27K	4	0.75	11	3.67	3.55	3.40	3.24	3.11
588-TFSC51K0JE	TFSC51K0JE	51K	4	0.75	11	3.67	3.55	3.40	3.24	3.11
588-TFSC100KJE	TFSC100KJE	100K	4	0.75	11	3.67	3.55	3.40	3.24	3.11
588-TFSE470RJE	TFSE470RJE	470	7	1.5	44	4.92	4.68	4.50	4.35	4.22
588-TFSE680RJE	TFSE680RJE	680	7	1.5	44	4.92	4.68	4.50	4.35	4.22
588-TFSE2K70JE	TFSE2K70JE	2.7K	7	1.5	44	4.92	4.68	4.50	4.35	4.22
588-TFSE6K80JE	TFSE6K80JE	6.8K	7	1.5	44	4.92	4.68	4.50	4.35	4.22
588-TFSE27K0JE	TFSE27K0JE	27K	7	1.5	44	4.92	4.68	4.50	4.35	4.22
588-TFSE75K0JE	TFSE75K0JE	75K	7	1.5	44	4.92	4.68	4.50	4.35	4.22