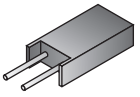
OHMITE Power Resistors

RoHS Compliant **This product is RoHS compliant.**

OHMITE TK/TN SERIES: THIN AND THICK FILM

Materials:
- Resistive element: Thick or thin film chip resistor
- Leads: Tin plated copper (100Sn)
- Heatsink plate: Black anodized aluminum
- Case: Ryton

Applications:
- Frequency Conversion
- High Frequency Balancing
- Snubber/Bleeder
- Power Supplies
- Industrial Controls
- Automotive Steering
- Pre-load/Damping
- Current Sense



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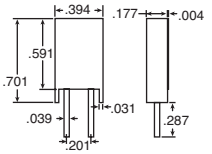
DIMENSIONS: in.



Bracket for TK/TN Series

MOUSER STOCK NO.	Price Each
588-6200	.81

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value Range (Ω)	Tol.	Price Each				
	✻value			1	10	25	50	100
Thin Film - 15 Watts								
588-TN15P	Code	4-7.5K	1%	4.36	3.88	3.30	3.11	2.92
588-TN15P	Code	10-10K	2%	4.36	3.88	3.30	3.11	2.92
Thick Film - 20 Watts								
588-TK20P	Code	0.03-10K	5%	4.87	4.36	4.10	3.78	3.36

✻ Insert **Value Code** from Table of Stocked Values.

Thin Film - 15 Watts/1% Tolerance

Value	Code	Value	Code	Value	Code	Value	Code
4.0	4R00FE	40	40R0FE	400	400RFE	4000	4K00FE
5.0	5R00FE	50	50R0FE	500	500RFE	5000	5K00FE
7.5	7R50FE	75	75R0FE	750	750RFE	7500	7K50FE
30	30R0FE	300	300RFE	3000	3K00FE		

Thin Film - 15 Watts/2% Tolerance

Value	Code	Value	Code	Value	Code	Value	Code
10	10R0GE	100	100RGE	1000	1K00GE	10000	10K0GE

Thick Film - 20 Watts/5% Tolerance

Value	Code	Value	Code	Value	Code	Value	Code
0.040	R040JE	0.75	R750JE	40	40R0JE	750	750RJE
0.050	R050JE	1.0	1R00JE	50	50R0JE	1000	1K00JE
0.075	R075JE	3.0	3R00JE	75	75R0JE	3000	3K00JE
0.100	R100JE	4.0	4R00JE	100	100RJE	4000	4K00JE
0.30	R300JE	5.0	5R00JE	300	300RJE	5000	5K00JE
0.40	R400JE	7.5	7R50JE	400	400RJE	7500	7K50JE
0.50	R500JE	10	10R0JE	500	500RJE	10000	10K0JE

OHMITE TAH20P SERIES: 20 WATT

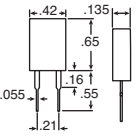
Features:
- High pulse tolerant design
- Non-Inductive design
- Resistor package is electrically isolated from heat sink
- Ready for use with snap-on style heat sinks

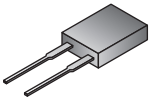
Specifications:
- Resistance tolerance: 5%
- Maximum operating voltage: 350V
- Dielectric strength: 1800VAC
- Power rating: 20W @ 25°C
- Operating temperature range: -55°C to +175°C

Applications:
- Frequency conversion
- High Frequency balancing
- Snubbers

Value	Code	Value	Code	Value	Code
0.1	0.10-E	15	15-E	150	150-E
0.51	.51-E	33	33-E	470	470-E
1.0	1.0-E	47	47-E	1000	1K-E
1.5	1.5-E	75	75-E	10000	10K-E
10	10-E	100	100-E		

DIMENSIONS: in.





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MOUSER STOCK NO.		Value Range (Ω)	Price Each			
	✻value		1	25	100	250
588-TAH20P-	Code	0.1-0.51	8.55	7.20	6.84	5.80
588-TAH20P-	Code	1.0-10K	6.85	6.11	5.46	4.64

OHMITE TBH25P SERIES: 25 WATT

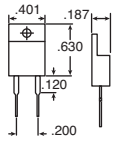
Features:
- Non-Inductive design
- Low Thermal Resistance
- Economically priced
- Designed for applications that require immediate heat sinkable power.

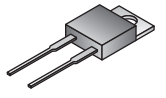
Specifications:
- Resistance tolerance: 5%
- Maximum operating voltage: 350V
- Dielectric strength: 1000VDC
- Power rating: 25W @ 25°C
- Operating temperature range: -55°C to +150°C

Applications:
- Power supplies
- Industrial Controls
- Automotive Steering
- Snubber/Bleeder
- Pre-Load/Damping

Value	Code	Value	Code	Value	Code
2.0	2R00JE	33	33R0JE	240	240RJE
3.9	3R90JE	47	47R0JE	330	330RJE
7.5	7R50JE	75	75R0JE	470	470RJE
10	10R0JE	100	100RJE	1000	1K00JE
15	15R0JE	150	150RJE	1500	1K50JE
24	24R0JE				

DIMENSIONS: in.





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MOUSER STOCK NO.		Value Range (Ω)	Price Each			
	✻value		1	25	100	250
588-TBH25P	Code	2.0-15	6.08	5.44	4.86	4.22
588-TBH25P	Code	24-1.5K	5.93	5.21	4.75	4.02

OHMITE TCH35P SERIES: 35 WATT

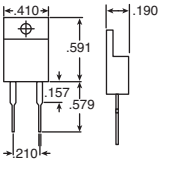
Features:
- Non-Inductive design
- Single screw mounting simplifies heat sink attachment
- Resistance element is electrically insulated from metal heat sink mounting tab

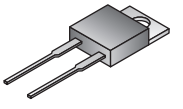
Specifications:
- Resistance tolerance: 5%
- Maximum operating voltage: 350V
- Dielectric strength: 1800VAC
- Power rating: 35W @ 25°C
- Operating temperature range: -55°C to +150°C

Applications:
- Switching power supplies
- Snubbers
- High frequency
- Voltage regulation
- Low energy pulse loading

Value	Code	Value	Code	Value	Code	Value	Code
0.1	0.1E	1.5	1.5E	33	33E	240	240E
0.24	0.24E	2.4	2.4E	39	39E	330	330E
0.33	0.33E	3.3	3.3E	47	47E	390	390E
0.39	0.39E	3.9	3.9E	51	51E	470	470E
0.47	0.47E	4.7	4.7E	75	75E	510	510E
0.51	0.51E	5.1	5.1E	100	100E	750	750E
0.75	0.75E	7.5	7.5E	150	150E	1K	1KE
1.0	1.0E	24	24E				

DIMENSIONS: in.





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588-TBH25P	Code	24-1.5K	5.93	5.21	4.75	4.02

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