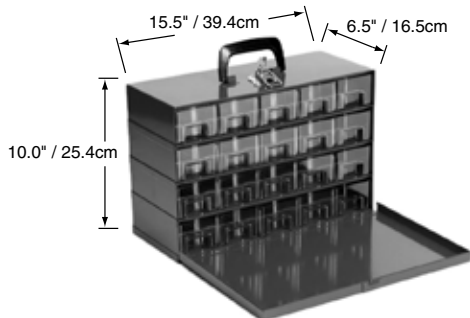


# Cabinet Product Assortments



Ohmite Cabinet Product Assortments conveniently house some of our most popular products in sturdy, wall-mountable steel cabinets. Each cabinet contains 20 clear plastic drawers which can be subdivided by 2, making a total of 40 slots available. Upon opening the latched front cover, users will see an easy reference key describing the contents of each drawer. Every part number is a standard part, found in stock through our Distributor network. Smaller parts are contained in plastic vials to help users keep everything organized and simple to locate. Part number CAB-20 contains no products at all, just vials, so you can use it for any parts that fit in the 6" deep by 3" wide by 2" tall drawers.

## CONTENTS DESCRIPTION

**CAB-SMDMETFL** Contains a range of SMD Metal Foil Current Sense resistors drawn from our MCS and FCSL Series'. Resistance values as low as 0.001 ohms and power ratings from 1 to 5 watts.

**CAB-10AXLCS** Contains axial leaded current sense resistors drawn from our 10 Series and 14AFR Series. Power ratings from 1 to 5 watts and resistance values down to 0.004 ohms.

**CAB-LVK** Contains a range of 4-terminal SMD, thick film current sense resistors. Power range from 0.50 to 2 watts and resistance values down to 0.001 ohms.

**CAB-TBHHS** and **CAB-TCHHS** Contain our two TO-220 power resistor series' along with heatsinks designed for use with the TO-220 package. From 0.05 to 2000 ohms.

**CAB-TDHHS** Contains our TO-263 SMD power resistor product plus DA and DV type heatsinks for the TO-263 package. From 0.10 to 1000 ohms.

**CAB-HS1** Contains a range of heatsinks for use with TO-220, TO-247, and TO-263 package types.

**CAB-20** An empty case for use with other parts around your design laboratory. It contains 20 plastic vials in case you need to organize small parts and 3 blank templates for you to fill in the contents of each drawer. Extra templates are provided in case you want to retain a copy somewhere away from the kit, or in case you decide to change the contents at a future date.

Part Number	Total Part Numbers	Product Series
<b>CAB-SMDMETFL</b>	35	MCS, FCSL
<b>CAB-10AXLCS</b>	20	10, 14AFR
<b>CAB-LVK</b>	35	LVK
<b>CAB-TBHHS</b>	24	TBH, W, E
<b>CAB-TCHHS</b>	24	TCH, W, E
<b>CAB-TDHHS</b>	20	TDH, DA, DV
<b>CAB-HS1</b>	21	E, W, F, R, D, M
<b>CAB-20</b>	N/A	NONE

## CAB-SMDMETFL

### CABINET CONTENTS

Slot	Part Number	Power	Ohms	Tolerance	Type	Qty.
1A	MCS1632R010FE	1W	0.01	±1%	SMD	10
1B	MCS1632R015FE	1W	0.015	±1%	SMD	10
2A	MCS1632R020FE	1W	0.02	±1%	SMD	10
2B	MCS1632R025FE	1W	0.025	±1%	SMD	10
3A	MCS1632R050FE	1W	0.05	±1%	SMD	10
3B	MCS3264R005FE	2W	0.005	±1%	SMD	10
4A	MCS3264R010FE	2W	0.01	±1%	SMD	10
4B	MCS3264R015FE	2W	0.015	±1%	SMD	10
5A	MCS3264R020FE	2W	0.02	±1%	SMD	10
5B	MCS3264R025FE	2W	0.025	±1%	SMD	10
6A	MCS3264R050FE	2W	0.05	±1%	SMD	10
6B	FCSL64R001JE	2W	0.001	±5%	SMD	10
7A	FCSL64R002GE	2W	0.002	±2%	SMD	10
7B	FCSL64R005FE	2W	0.005	±1%	SMD	10
8A	FCSL64R010FE	2W	0.01	±1%	SMD	10
8B	FCSL64R025FE	2W	0.025	±1%	SMD	10
9A	FCSL64R050FE	2W	0.05	±1%	SMD	10
9B	FCSL76R001JE	3W	0.001	±5%	SMD	10
10A	FCSL76R002GE	3W	0.002	±2%	SMD	10
10B	FCSL76R005FE	3W	0.005	±1%	SMD	10
11A	FCSL76R010FE	3W	0.01	±1%	SMD	10
11B	FCSL76R025FE	3W	0.025	±1%	SMD	10
12A	FCSL76R050FE	3W	0.05	±1%	SMD	10
12B	FCSL90R001JE	4W	0.001	±5%	SMD	10
13A	FCSL90R002GE	4W	0.002	±2%	SMD	10
13B	FCSL90R005FE	4W	0.005	±1%	SMD	10
14A	FCSL90R010FE	4W	0.01	±1%	SMD	10
14B	FCSL90R025FE	4W	0.025	±1%	SMD	10
15A	FCSL90R050FE	4W	0.05	±1%	SMD	10
15B	FCSL110R001JE	5W	0.001	±5%	SMD	10
16	FCSL110R002GE	5W	0.002	±2%	SMD	10
17	FCSL110R005FE	5W	0.005	±1%	SMD	10
18	FCSL110R010FE	5W	0.01	±1%	SMD	10
19	FCSL110R025FE	5W	0.025	±1%	SMD	10
20	FCSL110R050FE	5W	0.05	±1%	SMD	10



### MCS SERIES

- NiCu or MnCu resistive alloy; material TCR ±10ppm/°K
- Marking epoxy UL-94-V0 conformal
- 96% alumina substrate thermo dissipation protective layer
- Cu terminal electrode Pb-free termination
- Flame-retardant epoxy protective coat (UL-94-V0)
- Ultra low resistance value (0.005Ω~ 0.050Ω)
- Precision resistance alloy (NiCr20AlSi, or CuMnNi); material selected for low TCR (<50ppm/°C)
- Superior temperature coefficient characteristics; resistance vs. temp. change from 25°C to 125°C within 10ppm/°C ~ 50ppm/°C
- Low inductance, low thermo EMF (<50μV/°C)

### FCSL SERIES

- Foil Construction ensures a very stable TCR (Temperature Coefficient of Resistance)
- Designed for automatic insertion
- Industry standard sizes
- High heat resistant use
- Low heat electromotive use
- Color: white (top) and green (bottom)

# Cabinet Product Assortments

## CAB-LVK

CABINET CONTENTS													
Slot	Part Number	Power	Ohms	Tol.	Type	Qty.	Slot	Part Number	Power	Ohms	Tol.	Type	Qty.
1A	LVK12R010FER	0.50W	0.010	1.0%	SMD	10	11A	LVK24R015FER	1W	0.015	1.0%	SMD	10
1B	LVK12R020FER	0.50W	0.020	1.0%	SMD	10	11B	LVK24R020FER	1W	0.020	1.0%	SMD	10
2A	LVK12R030FER	0.50W	0.030	1.0%	SMD	10	12A	LVK24R030FER	1W	0.030	1.0%	SMD	10
2B	LVK12R050FER	0.50W	0.050	1.0%	SMD	10	12B	LVK24R039FER	1W	0.039	1.0%	SMD	10
3A	LVK12R010DER	0.50W	0.010	0.5%	SMD	10	13A	LVK24R047FER	1W	0.047	1.0%	SMD	10
3B	LVK12R020DER	0.50W	0.020	0.5%	SMD	10	13B	LVK24R050FER	1W	0.050	1.0%	SMD	10
4A	LVK12R030DER	0.50W	0.030	0.5%	SMD	10	14A	LVK24R010DER	1W	0.010	0.5%	SMD	10
4B	LVK12R050DER	0.50W	0.050	0.5%	SMD	10	14B	LVK24R020DER	1W	0.020	0.5%	SMD	10
5A	LVK20R010FER	0.75W	0.010	1.0%	SMD	10	15A	LVK24R030DER	1W	0.030	0.5%	SMD	10
5B	LVK20R015FER	0.75W	0.015	1.0%	SMD	10	15B	LVK24R050DER	1W	0.050	0.5%	SMD	10
6A	LVK20R020FER	0.75W	0.020	1.0%	SMD	10	16	LVK25R001FER	2W	0.001	1.0%	SMD	10
6B	LVK20R030FER	0.75W	0.030	1.0%	SMD	10	17	LVK25R002FER	2W	0.002	1.0%	SMD	10
7A	LVK20R039FER	0.75W	0.039	1.0%	SMD	10	18	LVK25R003FER	2W	0.003	1.0%	SMD	10
7B	LVK20R050FER	0.75W	0.050	1.0%	SMD	10	19	LVK25R005FER	2W	0.005	1.0%	SMD	10
8A	LVK20R010DER	0.75W	0.010	0.5%	SMD	10	20	LVK25R010FER	2W	0.010	1.0%	SMD	10
8B	LVK20R020DER	0.75W	0.020	0.5%	SMD	10							
9A	LVK20R030DER	0.75W	0.030	0.5%	SMD	10							
9B	LVK20R050DER	0.75W	0.050	0.5%	SMD	10							
10A	LVK24R010FER	1W	0.010	1.0%	SMD	10							
10B	LVK24R012FER	1W	0.012	1.0%	SMD	10							



### LVK SERIES

- Designed for automatic insertion
- Industry standard sizes
- High-precision kelvin connect capability in a small package
- Tolerance as low as 0.5%
- Up to 2 watt power rating

## CAB-10AXLCS

CABINET CONTENTS													
Slot	Part Number	Power	Ohms	Tol.	Type	Qty.	Slot	Part Number	Power	Ohms	Tol.	Type	Qty.
1	12FR005E	2W	0.005	1%	Axial	10	11	14AFR004E	4W	0.004	1%	Axial	10
2	12FR010E	2W	0.01	1%	Axial	10	12	14AFR010E	4W	0.01	1%	Axial	10
3	12FR020E	2W	0.02	1%	Axial	10	13	14AFR022E	4W	0.022	1%	Axial	10
4	12FR025E	2W	0.025	1%	Axial	10	14	14AFR033E	4W	0.033	1%	Axial	10
5	12FR050E	2W	0.05	1%	Axial	10	15	14AFR047E	4W	0.047	1%	Axial	10
6	13FR005E	3W	0.005	1%	Axial	10	16	15FR005E	5W	0.005	1%	Axial	10
7	13FR010E	3W	0.01	1%	Axial	10	17	15FR010E	5W	0.01	1%	Axial	10
8	13FR015E	3W	0.015	1%	Axial	10	18	15FR020E	5W	0.02	1%	Axial	10
9	13FR020E	3W	0.02	1%	Axial	10	19	15FR025E	5W	0.025	1%	Axial	10
10	13FR050E	3W	0.05	1%	Axial	10	20	15FR050E	5W	0.05	1%	Axial	10



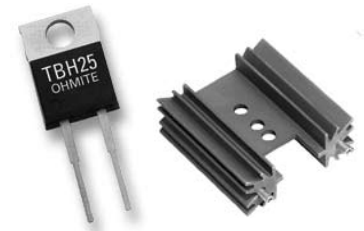
### 10 SERIES

- Ideal for current sensing applications.
- 1% Tolerance standard, others available.
- Fixed resistance measuring point "M".
- Low inductance (non-inductive below .25 ohms)

## CAB-TBHHS

CABINET CONTENTS													
Slot	Part Number	Power	Ohms	Tol.	Type	Qty.	Slot	Part Number	Power	Ohms	Tol.	Type	Qty.
1	TBH25PR050JE	25W*	0.05	5%	Radial	5	16	TBH25P2K00JE	25W*	2000	5%	Radial	5
2	TBH25P2R00JE	25W*	2	5%	Radial	5	17A	EV-T220-38E	N/A	N/A	N/A	Heatsink	3
3	TBH25P3R90JE	25W*	3.9	5%	Radial	5	17B	EA-T220-38E	N/A	N/A	N/A	Heatsink	3
4	TBH25P5R10JE	25W*	5.1	5%	Radial	5	18A	EV-T220-51E	N/A	N/A	N/A	Heatsink	3
5	TBH25P5R60JE	25W*	5.6	5%	Radial	5	18B	EA-T220-51E	N/A	N/A	N/A	Heatsink	3
6	TBH25P7R50JE	25W*	7.5	5%	Radial	5	19A	EV-T220-64E	N/A	N/A	N/A	Heatsink	3
7	TBH25P10R0JE	25W*	10	5%	Radial	5	19B	EA-T220-64E	N/A	N/A	N/A	Heatsink	3
8	TBH25P15R0JE	25W*	15	5%	Radial	5	20A	WV-T220-101E	N/A	N/A	N/A	Heatsink	1
9	TBH25P24R0JE	25W*	24	5%	Radial	5	20B	WA-T220-101E	N/A	N/A	N/A	Heatsink	1
10	TBH25P51R0JE	25W*	51	5%	Radial	5							
11	TBH25P75R0JE	25W*	75	5%	Radial	5							
12	TBH25P100RJE	25W*	100	5%	Radial	5							
13	TBH25P240RJE	25W*	240	5%	Radial	5							
14	TBH25P470RJE	25W*	470	5%	Radial	5							
15	TBH25P1K00JE	25W*	1000	5%	Radial	5							

\* Properly Heatsinked



### TBH SERIES

- 25 Watts, @ 25°C case temperature
- Non-Inductive Performance
- Low Thermal Resistance
- Anti-static tube packaging available
- Economically priced
- Resistance element is electrically insulated from metal heat sink mounting tab

# Cabinet Product Assortments

## CAB-TDHS

### CABINET CONTENTS

Slot	Part Number	Power	Ohms	Tol.	Type	Qty.	Slot	Part Number	Power	Ohms	Tol.	Type	Qty.
1	TDH35PR100JE	35W*	0.1	5%	SMD	3	11	TDH35P25R0JE	35W*	25	5%	SMD	3
2	TDH35PR250JE	35W*	0.25	5%	SMD	3	12	TDH35P33R0JE	35W*	33	5%	SMD	3
3	TDH35PR360JE	35W*	0.36	5%	SMD	3	13	TDH35P47R0JE	35W*	47	5%	SMD	3
4	TDH35PR470JE	35W*	0.47	5%	SMD	3	14	TDH35P75R0JE	35W*	75	5%	SMD	3
5	TDH35PR750JE	35W*	0.75	5%	SMD	3	15	TDH35P100RJE	35W*	100	5%	SMD	3
6	TDH35P1R00JE	35W*	1	5%	SMD	3	16	TDH35P250RJE	35W*	250	5%	SMD	3
7	TDH35P5R00JE	35W*	5	5%	SMD	3	17	TDH35P500RJE	35W*	500	5%	SMD	3
8	TDH35P7R50JE	35W*	7.5	5%	SMD	3	18	TDH35P1K00JE	35W*	1000	5%	SMD	3
9	TDH35P10R0JE	35W*	10	5%	SMD	3	19	DA-T263-101E	N/A	N/A	N/A	SMD	10
10	TDH35P15R0JE	35W*	15	5%	SMD	3	20	DV-T263-101E	N/A	N/A	N/A	SMD	10

\* Properly Heatsinked



### TDH SERIES

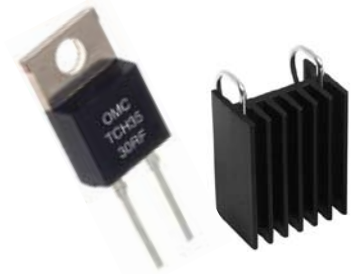
- 35 Watt power rating at 25°C
- SMD - DPAK package configuration
- Heat resistance to cooling plate:  $R_{th} < 4.28^{\circ}\text{C/W}$
- A molded case for environmental protection.
- Resistor element is electrically insulated from the heat sink.

## CAB-TCHS

### CABINET CONTENTS

Slot	Part Number	Power	Ohms	Tol.	Type	Qty.	Slot	Part Number	Power	Ohms	Tol.	Type	Qty.
1	TCH35PR050JE	35W*	0.05	5%	Radial	3	16	TCH35P2K00JE	35W*	2000	5%	Radial	3
2	TCH35PR100JE	35W*	0.1	5%	Radial	3	17A	EV-T220-38E	N/A	N/A	N/A	Heatsink	6
3	TCH35P1R00JE	35W*	1	5%	Radial	3	17B	EA-T220-38E	N/A	N/A	N/A	Heatsink	6
4	TCH35P4R70JE	35W*	4.7	5%	Radial	3	18A	EV-T220-51E	N/A	N/A	N/A	Heatsink	6
5	TCH35P10R0JE	35W*	10	5%	Radial	3	18B	EA-T220-51E	N/A	N/A	N/A	Heatsink	6
6	TCH35P20R0JE	35W*	20	5%	Radial	3	19A	EV-T220-64E	N/A	N/A	N/A	Heatsink	6
7	TCH35P33R0JE	35W*	33	5%	Radial	3	19B	EA-T220-64E	N/A	N/A	N/A	Heatsink	6
8	TCH35P51R0JE	35W*	51	5%	Radial	3	20A	WV-T220-101E	N/A	N/A	N/A	Heatsink	6
9	TCH35P75R0JE	35W*	75	5%	Radial	3	20B	WA-T220-101E	N/A	N/A	N/A	Heatsink	6
10	TCH35P100RJE	35W*	100	5%	Radial	3							
11	TCH35P240RJE	35W*	240	5%	Radial	3							
12	TCH35P510RJE	35W*	510	5%	Radial	3							
13	TCH35P750RJE	35W*	750	5%	Radial	3							
14	TCH35P1K00JE	35W*	1000	5%	Radial	3							
15	TCH35P1K50JE	35W*	1500	5%	Radial	3							

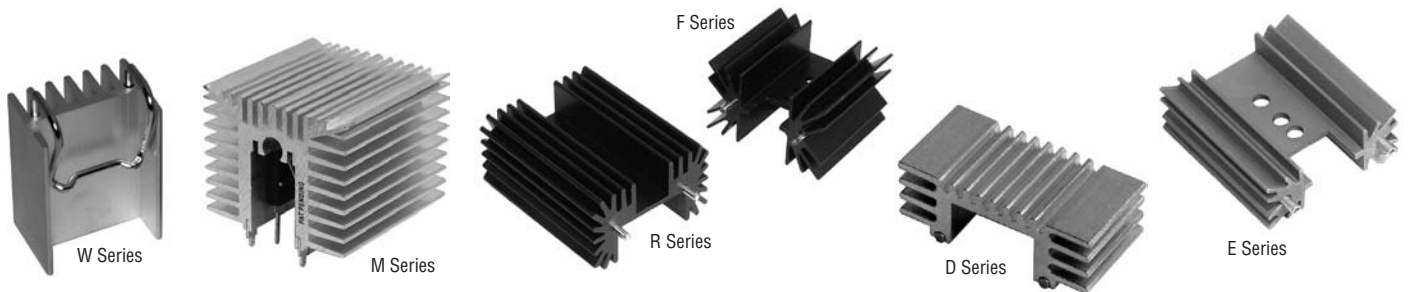
\* Properly Heatsinked



### TCH SERIES

- 35W Power Rating @ 25°C
- Very Low Inductance Design
- Single Screw Mounting Simplifies Heat Sink Attachment
- Low Thermal Resistance to Heat Sink @  $R_{th} < 4.28^{\circ}\text{C/W}$
- Resistance Element is Electrically Insulated from Metal Heat Sink Mounting Tab

## CAB-HS1



### CABINET CONTENTS

Slot	Part Number	Device Types	Attachment Method	Qty.	Slot	Part Number	Device Types	Attachment Method	Qty.
1	EV-T220-38E	TO-220	Screw hole	3	11	FA-T220-38E	TO-220	Screw hole	3
2	EA-T220-38E	TO-220	Screw hole	3	12	FA-T220-51E	TO-220	Screw hole	3
3	EV-T220-51E	TO-220	Screw hole	3	13	FA-T220-64E	TO-220	Screw hole	3
4	EA-T220-51E	TO-220	Screw hole	3	14	RA-T2X-25E	TO-220 /-247 /-218	Screw hole	2
5	EV-T220-64E	TO-220	Screw hole	3	15	RA-T2X-38E	TO-220 /-247 /-218	Screw hole	2
6	EA-T220-64E	TO-220	Screw hole	3	16	RA-T2X-51E	TO-220 /-247 /-218	Screw hole	2
7	WV-T220-101E	TO-220	Clip	3	17	RA-T2X-64E	TO-220 /-247 /-218	Screw hole	2
8	WA-T220-101E	TO-220	Clip	3	18a	DV-T263-101E	TO-263	SMD	5
9	WV-T247-101E	TO-247	Clip	3	18b	DA-T263-101E	TO-263	SMD	5
10	WA-T247-101E	TO-247	Clip	3	19	MV-102-55E	TO-220 /-247 /-218	Clip	1
					20	MA-102-55E	TO-220 /-247 /-218	Clip	1

### HEATSINKS

- Available with spring clips for easy component mounting
- Design flexibility, scale to fit designs
- SMD design increases surface area by 3 times and thermal performance up to 300% over stamped pieces
- Heatsinks available for most popular TO-2XX sizes
- Available in anodized or greased finishes