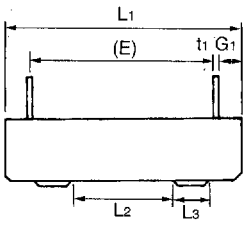
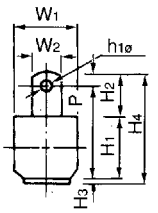
Micron Power Resistors

MHS
MHR

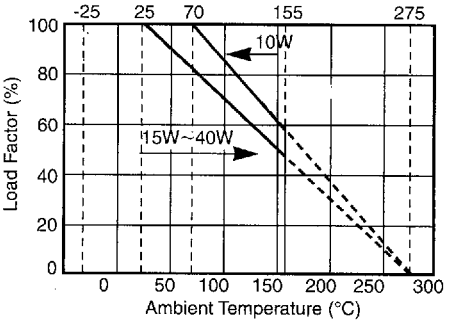
Chassis-Fixed Heat Dissipation (Efficient) Types

Type N

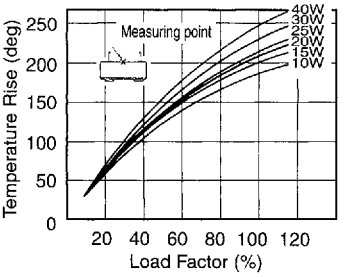




Derating Curve

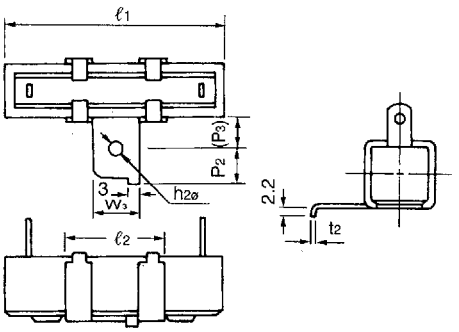


Temperature Rise (ref.)

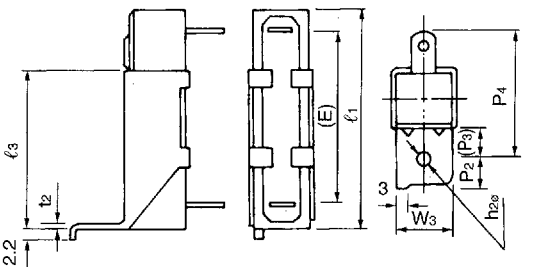


Rated power (W)	Dimensions (mm)													
	L1	L2	L3	W1	W2	H1	H2	H3	H4	P1	(E)	G1	t1	H1ø
10	48±1.5	25±1	4.5	9.5±1.0	5	9.5±1.0	6+1.5	0.8	$16.5^{+1.5}_{-1.0}$	2.5	36	5.5^{+2}_{-1}	0.4	2
15	48±1.5	25±1	7	12.5±1.2	6	12.5±1.2	7.5+2	1.0	$21^{+2.0}_{-1.0}$	3	34	6.5^{+2}_{-1}	0.5	2.5
20	63.5±2	25±1	7	12.5±1.2	6	12.5±1.2	7.5+2	1.0	$21^{+2.0}_{-1.0}$	3	49.5	6.5^{+2}_{-1}	0.5	2.5
25	63.5±2	25±1	8	16±1.2	7.5	16±1.2	12+2	1.0	$29^{+2.5}_{-1.5}$	3.5	46.5	$8^{+2.5}_{-1}$	0.5	3
30	75±2.5	40±1.2	10	19±1.5	7.5	19±1.5	10+2	1.0	$30^{+2.5}_{-1.5}$	3.5	56	9^{+3}_{-1}	0.5	3
40	90±2.5	40±1.2	10	19±1.5	7.5	19±1.5	10+2	1.0	$30^{+2.5}_{-1.5}$	3.5	71	9^{+3}_{-1}	0.5	3

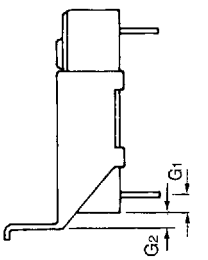
Type A



Type B (10W, 20W, 25W, 40W)



(15W, 30W)



Rated power (W)		Dimensions (mm)											Resistance range (Ω)			Weight (g)
		ℓ1	ℓ2	ℓ3	W3	P2	(P3)	P4	G1	G2	t2	h2ø	MHS Standard	MHS UL	MHR Standard	
10	A	48±1.5	24	—	12±0.2	6	8	—	5.5^{+2}_{-1}	—	0.6	4	1.0~1500	1.0~1500	200~75K	14.5
	B		—	36				24.5-1~+2			0.6					15.7
15	A	48±1.5	24	—	12±0.2	6	8	—	6.5^{+2}_{-1}	—	0.8	4	1.0~2000	1.0~2000	510~110K	24.0
	B	56±2	—	43				28-1~+2.5		8±2	0.6					29.0
20	A	63.5±2	24	—	12±0.2	6	8	—	6.5^{+2}_{-1}	—	0.8	4	1.0~3000	1.0~3000	510~180K	28.4
	B		—	43				28-1~+2.5			0.6					29.0
25	A	63.5±2	24	—	12±0.2	6	10	—	$8^{+2.5}_{-1}$	—	0.8	4.2	1.2~3600	1.2~3600	—	44.0
	B		—	43				38-1.5~+3			0.8					53.4
30	A	75±2.5	39	—	18±0.2	8	10	—	9 $^{+3}_{-1}$	—	0.8	4.2	1.5~4300	1.5~4000	—	74.0
	B	82.5±2.5	—	64				39-1.5~+3		7.5±2	0.8					82.5
40	A	90±2.5	39	—	18±0.2	8	10	—	9 $^{+3}_{-1}$	—	0.8	4.2	1.8~5600	1.8~5500	—	86.5
	B		—	64				39-1.5~+3			0.8					94.0