

BOURNS High Current Toroidal Inductors

BOURNS

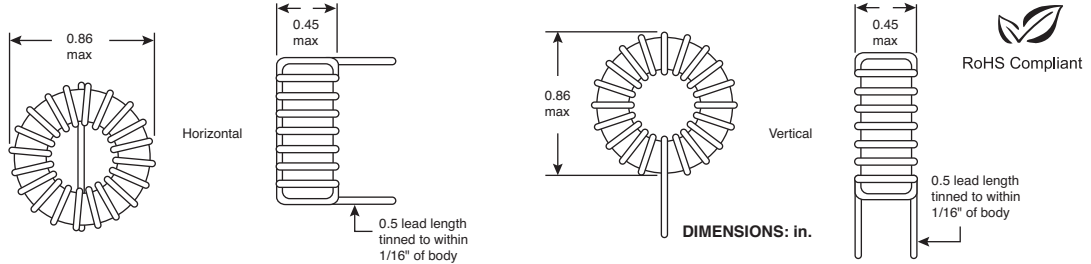
RoHS Compliant This product is RoHS compliant.

2100HT SERIES

- Features:**
- High Temperature rating-up to +200°C
 - Low magnetic radiation
 - High current capacity
 - Horizontal or vertical mount available
 - Low cost
 - Operating temperature: -55°C to +200°C

- Applications:**
- High operating temperature environments
 - DC-DC converters
 - Output chokes
 - EMI filters

- Notes:**
- Rated Idc causes a 50°C temperature rise



RoHS Compliant

Horizontal Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Ind (μH)	Idc (A)	Res. (Ω)	Price Each			
					1	25	50	100
652-2100HT-100-H-RC	2100HT-100-H-RC	10	9.9	0.012	2.25	1.80	1.57	1.30
652-2100HT-120-H-RC	2100HT-120-H-RC	12	9.6	0.013	2.25	1.80	1.57	1.30
652-2100HT-150-H-RC	2100HT-150-H-RC	15	9.1	0.014	3.15	1.80	1.57	1.35
652-2100HT-180-H-RC	2100HT-180-H-RC	18	8.6	0.016	2.25	1.80	1.57	1.30
652-2100HT-270-H-RC	2100HT-270-H-RC	27	6.4	0.028	2.25	1.80	1.57	1.30
652-2100HT-330-H-RC	2100HT-330-H-RC	33	6.1	0.031	2.25	1.80	1.57	1.30
652-2100HT-470-H-RC	2100HT-470-H-RC	47	5.6	0.036	2.25	1.80	1.57	1.30
652-2100HT-560-H-RC	2100HT-560-H-RC	56	5.3	0.040	2.25	1.80	1.57	1.30
652-2100HT-680-H-RC	2100HT-680-H-RC	68	5.1	0.044	2.25	1.80	1.57	1.30
652-2100HT-101-H-RC	2100HT-101-H-RC	100	4.6	0.053	2.25	1.80	1.57	1.30
652-2100HT-121-H-RC	2100HT-121-H-RC	120	3.5	0.094	2.25	1.80	1.57	1.30
652-2100HT-221-H-RC	2100HT-221-H-RC	220	3	0.130	2.25	1.80	1.57	1.30
652-2100HT-271-H-RC	2100HT-271-H-RC	270	2.8	0.140	2.25	1.80	1.57	1.30
652-2100HT-331-H-RC	2100HT-331-H-RC	330	2.7	0.160	2.25	1.80	1.57	1.30
652-2100HT-391-H-RC	2100HT-391-H-RC	390	2.1	0.270	2.25	1.80	1.57	1.30
652-2100HT-681-H-RC	2100HT-681-H-RC	680	1.8	0.350	2.25	1.80	1.57	1.30
652-2100HT-821-H-RC	2100HT-821-H-RC	820	1.7	0.390	2.25	1.80	1.57	1.30
652-2100HT-102-H-RC	2100HT-102-H-RC	000	1.6	0.430	2.25	1.80	1.57	1.30

Vertical Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Ind (μH)	Idc (A)	Res. (Ω)	Price Each			
					1	25	50	100
652-2100HT-100-V-RC	2100HT-100-V-RC	10	9.9	0.012	2.25	1.80	1.57	1.30
652-2100HT-120-V-RC	2100HT-120-V-RC	12	9.6	0.013	2.25	1.80	1.57	1.30
652-2100HT-150-V-RC	2100HT-150-V-RC	15	9.1	0.014	2.25	1.80	1.57	1.30
652-2100HT-180-V-RC	2100HT-180-V-RC	18	8.6	0.016	2.25	1.80	1.57	1.30
652-2100HT-220-V-RC	2100HT-220-V-RC	22	6.7	0.026	2.25	1.80	1.57	1.30
652-2100HT-270-V-RC	2100HT-270-V-RC	27	6.4	0.028	2.25	1.80	1.57	1.30
652-2100HT-390-V-RC	2100HT-390-V-RC	39	5.9	0.033	2.25	1.80	1.57	1.30
652-2100HT-470-V-RC	2100HT-470-V-RC	47	5.6	0.036	2.25	1.80	1.57	1.30
652-2100HT-560-V-RC	2100HT-560-V-RC	56	5.3	0.040	2.25	1.80	1.57	1.30
652-2100HT-101-V-RC	2100HT-101-V-RC	100	4.6	0.053	2.25	1.80	1.57	1.30
652-2100HT-121-V-RC	2100HT-121-V-RC	120	3.5	0.094	2.25	1.80	1.57	1.30
652-2100HT-151-V-RC	2100HT-151-V-RC	150	3.3	0.110	2.25	1.80	1.57	1.30
652-2100HT-181-V-RC	2100HT-181-V-RC	180	3.1	0.120	2.25	1.80	1.57	1.30
652-2100HT-331-V-RC	2100HT-331-V-RC	330	2.7	0.160	2.25	1.80	1.57	1.30
652-2100HT-391-V-RC	2100HT-391-V-RC	390	2.1	0.270	2.25	1.80	1.57	1.30
652-2100HT-471-V-RC	2100HT-471-V-RC	470	2	0.290	2.25	1.80	1.57	1.30
652-2100HT-561-V-RC	2100HT-561-V-RC	560	1.9	0.320	2.25	1.80	1.57	1.30
652-2100HT-821-V-RC	2100HT-821-V-RC	820	1.7	0.390	2.25	1.80	1.57	1.30

Inductors

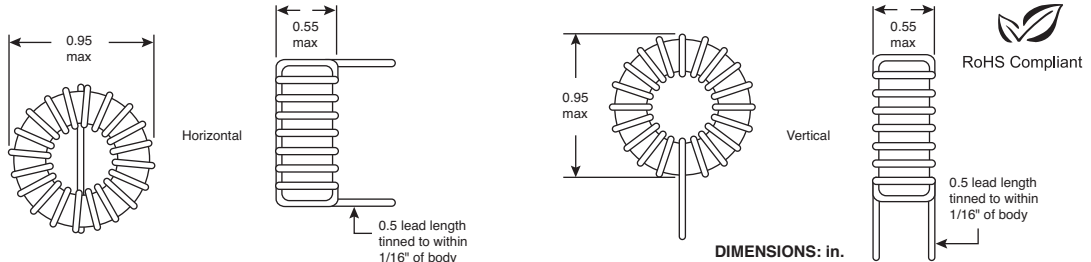
Bourns

2200HT SERIES

- Features:**
- High Temperature rating-up to +200°C
 - Low magnetic radiation
 - High current capacity
 - Horizontal or vertical mount available
 - Low cost
 - Operating temperature: -55°C to +200°C

- Applications:**
- High operating temperature environments
 - DC-DC converters
 - Output chokes
 - EMI filters

- Notes:**
- Rated Idc causes a 50°C temperature rise



RoHS Compliant

Horizontal Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Ind (μH)	Idc (A)	Res. (Ω)	Price Each				
					1	10	25	50	100
652-2200HT-100-H-RC	2200HT-100-H-RC	10	11.2	0.014	3.22	2.49	2.22	1.83	1.66
652-2200HT-120-H-RC	2200HT-120-H-RC	12	10.9	0.015	3.22	2.49	2.22	1.83	1.66
652-2200HT-150-H-RC	2200HT-150-H-RC	15	10.3	0.017	3.22	2.49	2.22	1.83	1.66
652-2200HT-180-H-RC	2200HT-180-H-RC	18	9.7	0.018	3.22	2.49	2.22	1.83	1.66
652-2200HT-220-H-RC	2200HT-220-H-RC	22	9.3	0.020	3.22	2.49	2.22	1.83	1.66
652-2200HT-270-H-RC	2200HT-270-H-RC	27	8.9	0.022	3.22	2.49	2.22	1.83	1.66
652-2200HT-330-H-RC	2200HT-330-H-RC	33	8.4	0.025	3.22	2.49	2.22	1.83	1.66
652-2200HT-390-H-RC	2200HT-390-H-RC	39	8.1	0.026	3.22	2.49	2.22	1.83	1.66
652-2200HT-470-H-RC	2200HT-470-H-RC	47	6.4	0.042	3.22	2.49	2.22	1.83	1.66
652-2200HT-560-H-RC	2200HT-560-H-RC	56	6.1	0.046	3.22	2.49	2.22	1.83	1.66
652-2200HT-680-H-RC	2200HT-680-H-RC	68	5.8	0.050	3.22	2.49	2.22	1.83	1.66
652-2200HT-101-H-RC	2200HT-101-H-RC	100	5.3	0.061	3.22	2.49	2.22	1.83	1.66
652-2200HT-121-H-RC	2200HT-121-H-RC	120	5	0.067	3.22	2.49	2.22	1.83	1.66
652-2200HT-151-H-RC	2200HT-151-H-RC	150	4.8	0.075	3.22	2.49	2.22	1.83	1.66
652-2200HT-181-H-RC	2200HT-181-H-RC	180	4.6	0.082	3.22	2.49	2.22	1.83	1.66
652-2200HT-221-H-RC	2200HT-221-H-RC	220	4.3	0.091	3.22	2.49	2.22	1.83	1.66
652-2200HT-271-H-RC	2200HT-271-H-RC	270	3.3	0.160	3.22	2.49	2.22	1.83	1.66
652-2200HT-331-H-RC	2200HT-331-H-RC	330	3.1	0.180	3.22	2.49	2.22	1.83	1.66
652-2200HT-391-H-RC	2200HT-391-H-RC	390	3	0.190	3.22	2.49	2.22	1.83	1.66
652-2200HT-471-H-RC	2200HT-471-H-RC	470	2.8	0.210	3.22	2.49	2.22	1.83	1.66
652-2200HT-561-H-RC	2200HT-561-H-RC	560	2.7	0.230	3.22	2.49	2.22	1.83	1.66
652-2200HT-681-H-RC	2200HT-681-H-RC	680	2.6	0.270	3.22	2.49	2.22	1.83	1.66
652-2200HT-821-H-RC	2200HT-821-H-RC	820	2	0.440	3.22	2.49	2.22	1.83	1.66
652-2200HT-102-H-RC	2200HT-102-H-RC	1000	1.9	0.490	3.22	2.49	2.22	1.83	1.66

Vertical Mount

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Ind (μH)	Idc (A)	Res. (Ω)	Price Each				
					1	10	25	50	100
652-2200HT-100-V-RC	2200HT-100-V-RC	10	11.2	0.014	3.22	2.49	2.22	1.83	1.66
652-2200HT-120-V-RC	2200HT-120-V-RC	12	10.9	0.015	3.22	2.49	2.22	1.83	1.66
652-2200HT-150-V-RC	2200HT-150-V-RC	15	10.3	0.017	3.22	2.49	2.22	1.83	1.66
652-2200HT-180-V-RC	2200HT-180-V-RC	18	9.7	0.018	3.22	2.49	2.22	1.83	1.66
652-2200HT-220-V-RC	2200HT-220-V-RC	22	9.3	0.020	3.22	2.49	2.22	1.83	1.66
652-2200HT-270-V-RC	2200HT-270-V-RC	27	8.9	0.022	3.22	2.49	2.22	1.83	1.66
652-2200HT-330-V-RC	2200HT-330-V-RC	33	8.4	0.025	3.22	2.49	2.22	1.83	1.66
652-2200HT-390-V-RC	2200HT-390-V-RC	39	8.1	0.026	3.22	2.49	2.22	1.83	1.66
652-2200HT-470-V-RC	2200HT-470-V-RC	47	6.4	0.042	3.22	2.49	2.22	1.83	1.66
652-2200HT-560-V-RC	2200HT-560-V-RC	56	6.1	0.046	3.22	2.49	2.22	1.83	1.66
652-2200HT-680-V-RC	2200HT-680-V-RC	68	5.8	0.050	3.22	2.49	2.22	1.83	1.66
652-2200HT-101-V-RC	2200HT-101-V-RC	100	5.3	0.061	3.22	2.49	2.22	1.83	1.66
652-2200HT-121-V-RC	2200HT-121-V-RC	120	5	0.067	3.22	2.49	2.22	1.83	1.66
652-2200HT-151-V-RC	2200HT-151-V-RC	150	4.8	0.075	3.22	2.49	2.22	1.83	1.66
652-2200HT-181-V-RC	2200HT-181-V-RC	180	4.6	0.082	3.22	2.49	2.22	1.83	1.66
652-2200HT-221-V-RC	2200HT-221-V-RC	220	4.3	0.091	3.22	2.49	2.22	1.83	1.66
652-2200HT-271-V-RC	2200HT-271-V-RC	270	3.3	0.160	3.22	2.49	2.22	1.83	1.66
652-2200HT-331-V-RC	2200HT-331-V-RC	330	3.1	0.180	3.22	2.49	2.22	1.83	1.66
652-2200HT-391-V-RC	2200HT-391-V-RC	390	3	0.190	3.22	2.49	2.22	1.83	1.66
652-2200HT-471-V-RC	2200HT-471-V-RC	470	2.8	0.210	3.22	2.49	2.22	1.83	1.66
652-2200HT-561-V-RC	2200HT-561-V-RC	560	2.7	0.230	3.22	2.49	2.22	1.83	1.66
652-2200HT-681-V-RC	2200HT-681-V-RC	680	2.6	0.270	3.22	2.49	2.22	1.83	1.66
652-2200HT-821-V-RC	2200HT-821-V-RC	820	2	0.440	3.22	2.49	2.22	1.83	1.66
652-2200HT-102-V-RC	2200HT-102-V-RC	1000	1.9	0.490	3.22	2.49	2.22	1.83	1.66