

BOURNS / J.W. MILLER High Current Toroidal Inductors



A Bourns Company

J.W. Miller 2100HT SERIES

RoHS Compliant This product is RoHS compliant.

DIMENSIONS: in.

Features:

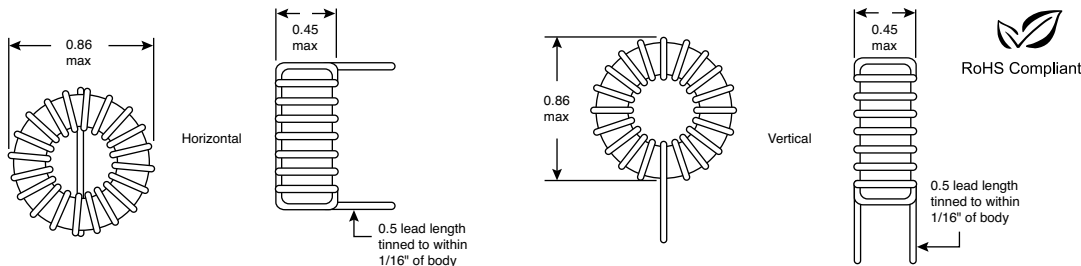
- High Temperature rating-up to +200°C
- Low magnetic radiation
- High current capacity
- Horizontal or vertical mount available
- Low cost
- Operating temperature: -55°C to +200°C

Applications:

- High operating temperature environments
- DC-DC converters
- Output chokes
- EMI filters

Notes:

- Rated Idc causes a 50°C temperature rise



Horizontal Mount

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	J. W. Miller Part No.	Ind (µH)	Idc (A)	Resistance (Ohms)	Price Each				
					1	10	25	50	100
542-2100HT-100H-RC	2100HT-100H-RC	10	9.9	0.012					
542-2100HT-120H-RC	2100HT-120H-RC	12	9.6	0.013					
542-2100HT-150H-RC	2100HT-150H-RC	15	9.1	0.014					
542-2100HT-180H-RC	2100HT-180H-RC	18	8.6	0.016					
542-2100HT-220H-RC	2100HT-220H-RC	22	6.7	0.026					
542-2100HT-270H-RC	2100HT-270H-RC	27	6.4	0.028					
542-2100HT-330H-RC	2100HT-330H-RC	33	6.1	0.031					
542-2100HT-390H-RC	2100HT-390H-RC	39	5.9	0.033					
542-2100HT-470H-RC	2100HT-470H-RC	47	5.6	0.036					
542-2100HT-560H-RC	2100HT-560H-RC	56	5.3	0.040					
542-2100HT-680H-RC	2100HT-680H-RC	68	5.1	0.044					
542-2100HT-101H-RC	2100HT-101H-RC	100	4.6	0.053					
542-2100HT-121H-RC	2100HT-121H-RC	120	3.5	0.094					
542-2100HT-151H-RC	2100HT-151H-RC	150	3.3	0.110					
542-2100HT-181H-RC	2100HT-181H-RC	180	3.1	0.120					
542-2100HT-221H-RC	2100HT-221H-RC	220	3	0.130					
542-2100HT-271H-RC	2100HT-271H-RC	270	2.8	0.140					
542-2100HT-331H-RC	2100HT-331H-RC	330	2.7	0.160					
542-2100HT-391H-RC	2100HT-391H-RC	390	2.1	0.270					
542-2100HT-471H-RC	2100HT-471H-RC	470	2	0.290					
542-2100HT-561H-RC	2100HT-561H-RC	560	1.9	0.320					
542-2100HT-681H-RC	2100HT-681H-RC	680	1.8	0.350					
542-2100HT-821H-RC	2100HT-821H-RC	820	1.7	0.390					
542-2100HT-102H-RC	2100HT-102H-RC	1000	1.6	0.430					

Vertical Mount

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	J. W. Miller Part No.	Ind (µH)	Idc (A)	Resistance (Ohms)	Price Each				
					1	10	25	50	100
542-2100HT-100V-RC	2100HT-100V-RC	10	9.9	0.012					
542-2100HT-120V-RC	2100HT-120V-RC	12	9.6	0.013					
542-2100HT-150V-RC	2100HT-150V-RC	15	9.1	0.014					
542-2100HT-180V-RC	2100HT-180V-RC	18	8.6	0.016					
542-2100HT-220V-RC	2100HT-220V-RC	22	6.7	0.026					
542-2100HT-270V-RC	2100HT-270V-RC	27	6.4	0.028					
542-2100HT-330V-RC	2100HT-330V-RC	33	6.1	0.031					
542-2100HT-390V-RC	2100HT-390V-RC	39	5.9	0.033					
542-2100HT-470V-RC	2100HT-470V-RC	47	5.6	0.036					
542-2100HT-560V-RC	2100HT-560V-RC	56	5.3	0.040					
542-2100HT-680V-RC	2100HT-680V-RC	68	5.1	0.044					
542-2100HT-101V-RC	2100HT-101V-RC	100	4.6	0.053					
542-2100HT-121V-RC	2100HT-121V-RC	120	3.5	0.094					
542-2100HT-151V-RC	2100HT-151V-RC	150	3.3	0.110					
542-2100HT-181V-RC	2100HT-181V-RC	180	3.1	0.120					
542-2100HT-221V-RC	2100HT-221V-RC	220	3	0.130					
542-2100HT-271V-RC	2100HT-271V-RC	270	2.8	0.140					
542-2100HT-331V-RC	2100HT-331V-RC	330	2.7	0.160					
542-2100HT-391V-RC	2100HT-391V-RC	390	2.1	0.270					
542-2100HT-471V-RC	2100HT-471V-RC	470	2	0.290					
542-2100HT-561V-RC	2100HT-561V-RC	560	1.9	0.320					
542-2100HT-681V-RC	2100HT-681V-RC	680	1.8	0.350					
542-2100HT-821V-RC	2100HT-821V-RC	820	1.7	0.390					

J.W. Miller 2200HT SERIES

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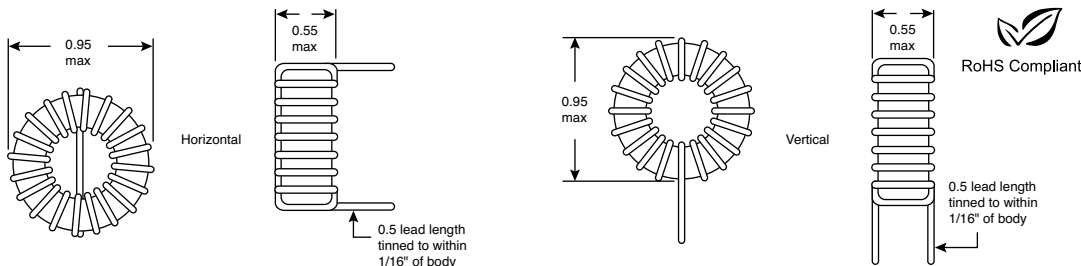
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Notes:

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Horizontal Mount

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	J. W. Miller Part No.	Ind (µH)	Idc (A)	Resistance (Ohms)	Price Each				
					1	10	25	50	100
542-2200HT-100H-RC	2200HT-100H-RC	10	11.2	0.014					
542-2200HT-120H-RC	2200HT-120H-RC	12	10.9	0.015					
542-2200HT-150H-RC	2200HT-150H-RC	15	10.3	0.017					
542-2200HT-180H-RC	2200HT-180H-RC	18	9.7	0.018					
542-2200HT-220H-RC	2200HT-220H-RC	22	9.3	0.020					
542-2200HT-270H-RC	2200HT-270H-RC	27	8.9	0.022					
542-2200HT-330H-RC	2200HT-330H-RC	33	8.4	0.025					
542-2200HT-390H-RC	2200HT-390H-RC	39	8.1	0.026					
542-2200HT-470H-RC	2200HT-470H-RC	47	6.4	0.042					
542-2200HT-560H-RC	2200HT-560H-RC	56	6.1	0.046					
542-2200HT-680H-RC	2200HT-680H-RC	68	5.8	0.050					
542-2200HT-101H-RC	2200HT-101H-RC	100	5.3	0.061					
542-2200HT-121H-RC	2200HT-121H-RC	120	5	0.067					
542-2200HT-151H-RC	2200HT-151H-RC	150	4.8	0.075					
542-2200HT-181H-RC	2200HT-181H-RC	180	4.6	0.082					
542-2200HT-221H-RC	2200HT-221H-RC	220	4.3	0.091					
542-2200HT-271H-RC	2200HT-271H-RC	270	3.3	0.160					
542-2200HT-331H-RC	2200HT-331H-RC	330	3.1	0.180					
542-2200HT-391H-RC	2200HT-391H-RC	390	3	0.190					
542-2200HT-471H-RC	2200HT-471H-RC	470	2.8	0.210					
542-2200HT-561H-RC	2200HT-561H-RC	560	2.7	0.230					
542-2200HT-681H-RC	2200HT-681H-RC	680	2.6	0.270					
542-2200HT-821H-RC	2200HT-821H-RC	820	2	0.440					
542-2200HT-102H-RC	2200HT-102H-RC	1000	1.9	0.490					

Vertical Mount

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	J. W. Miller Part No.	Ind (µH)	Idc (A)	Resistance (Ohms)	Price Each				
					1	10	25	50	100
542-2200HT-100V-RC	2200HT-100V-RC	10	11.2	0.014					
542-2200HT-120V-RC	2200HT-120V-RC	12	10.9	0.015					
542-2200HT-150V-RC	2200HT-150V-RC	15	10.3	0.017					
542-2200HT-180V-RC	2200HT-180V-RC	18	9.7	0.018					
542-2200HT-220V-RC	2200HT-220V-RC	22	9.3	0.020					
542-2200HT-270V-RC	2200HT-270V-RC	27	8.9	0.022					
542-2200HT-330V-RC	2200HT-330V-RC	33	8.4	0.025					
542-2200HT-390V-RC	2200HT-390V-RC	39	8.1	0.026					
542-2200HT-470V-RC	2200HT-470V-RC	47	6.4	0.042					
542-2200HT-560V-RC	2200HT-560V-RC	56	6.1	0.046					
542-2200HT-680V-RC	2200HT-680V-RC	68	5.8	0.050					
542-2200HT-101V-RC	2200HT-101V-RC	100	5.3	0.061					
542-2200HT-121V-RC	2200HT-121V-RC	120	5	0.067					
542-2200HT-151V-RC	2200HT-151V-RC	150	4.8	0.075					
542-2200HT-181V-RC	2200HT-181V-RC	180	4.6	0.082					
542-2200HT-221V-RC	2200HT-221V-RC	220	4.3	0.091					
542-2200HT-271V-RC	2200HT-271V-RC	270	3.3	0.160					
542-2200HT-331V-RC	2200HT-331V-RC	330	3.1	0.180					
542-2200HT-391V-RC	2200HT-391V-RC	390	3	0.190					
542-2200HT-471V-RC	2200HT-471V-RC	470	2.8	0.210					
542-2200HT-561V-RC	2200HT-561V-RC	560	2.7	0.230					
542-2200HT-681V-RC	2200HT-681V-RC	680	2.6	0.270					
542-2200HT-821V-RC	2200HT-821V-RC	820	2	0.440					
542-2200HT-102V-RC	2200HT-102V-RC	1000	1.9	0.490					

