

# BOURNS / J.W. MILLER Chip Inductors

## J.W. Miller PM0805 SERIES CHIP INDUCTORS

### Specifications:

- Operating Temperature: -55°C to +125°C
- Ceramic core, wire wound for superior reliability
- Current to cause 15°C maximum temperature rise

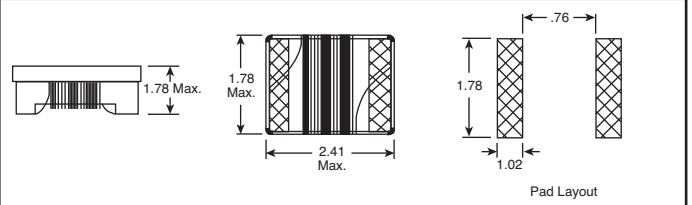
RoHS Compliant

Price Each					
1	10	25	50	100	
.32	.25	.20	.17	.16	

For quantities not listed, call for a quote.

MOUSER STOCK NO.	J.W. Miller Part No.	Inductance (nH)	Q Min.	Test Frequency (MHz)	Idc Max (mA)
<b>Tolerance: ±20%</b>					
542-PM0805-2N2M-RC	PM0805-2N2M-RC	2.2	15	250	600
542-PM0805-3N3M-RC	PM0805-3N3M-RC	3.3	50	250	600
542-PM0805-6N8M-RC	PM0805-6N8M-RC	6.8	50	250	600
542-PM0805-8N2M-RC	PM0805-8N2M-RC	8.2	50	250	600
542-PM0805-12NM-RC	PM0805-12NM-RC	12	50	250	600
542-PM0805-18NM-RC	PM0805-18NM-RC	18	50	250	600
542-PM0805-27NM-RC	PM0805-27NM-RC	27	55	250	500

### DIMENSIONS: mm



For quantities not listed, call for a quote.

MOUSER STOCK NO.	J.W. Miller Part No.	Inductance (nH)	Q Min.	Test Frequency (MHz)	Idc Max (mA)
<b>Tolerance: ±20% (cont.)</b>					
542-PM0805-33NM-RC	PM0805-33NM-RC	33	60	250	500
542-PM0805-39NM-RC	PM0805-39NM-RC	39	60	250	500
542-PM0805-47NM-RC	PM0805-47NM-RC	47	60	200	500
<b>Tolerance: ±10%</b>					
542-PM0805-56NK-RC	PM0805-56NK-RC	56	60	200	500
542-PM0805-68NK-RC	PM0805-68NK-RC	68	60	200	500
542-PM0805-82NK-RC	PM0805-82NK-RC	82	65	150	400

## J.W. Miller PM1008 SERIES CHIP INDUCTORS

### Specifications:

- Operating Temperature: -55°C to +125°C
- Ceramic core, wire wound for superior reliability
- Current to cause 15°C maximum temperature rise

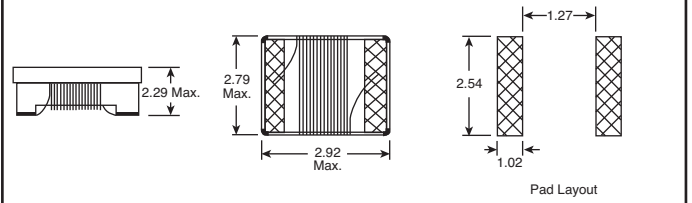
RoHS Compliant

Price Each					
1	10	25	50	100	
.23	.22	.20	.16	.15	

For quantities not listed, call for a quote.

MOUSER STOCK NO.	J.W. Miller Part No.	Inductance (nH)	Q Min.	Test Frequency (MHz)	Idc Max (mA)
<b>Tolerance: ±20%</b>					
542-PM1008-10NM-RC	PM1008-10NM-RC	10	50	50	1000
542-PM1008-12NM-RC	PM1008-12NM-RC	12	50	50	1000
542-PM1008-15NM-RC	PM1008-15NM-RC	15	50	50	1000
542-PM1008-18NM-RC	PM1008-18NM-RC	18	50	50	1000
542-PM1008-22NM-RC	PM1008-22NM-RC	22	55	50	1000
542-PM1008-27NM-RC	PM1008-27NM-RC	27	55	50	1000
542-PM1008-33NM-RC	PM1008-33NM-RC	33	60	50	1000
542-PM1008-39NM-RC	PM1008-39NM-RC	39	60	50	1000
542-PM1008-47NM-RC	PM1008-47NM-RC	47	65	50	1000
<b>Tolerance: ±10%</b>					
542-PM1008-56NK-RC	PM1008-56NK-RC	56	65	50	1000
542-PM1008-68NK-RC	PM1008-68NK-RC	68	65	50	1000
542-PM1008-82NK-RC	PM1008-82NK-RC	82	60	50	1000
542-PM1008-R10K-RC	PM1008-R10K-RC	0.10μH	60	25	650
542-PM1008-R12K-RC	PM1008-R12K-RC	0.12μH	60	25	650
542-PM1008-R15K-RC	PM1008-R15K-RC	0.15μH	45	25	580
542-PM1008-R18K-RC	PM1008-R18K-RC	0.18μH	45	25	620

### DIMENSIONS: mm



For quantities not listed, call for a quote.

MOUSER STOCK NO.	J.W. Miller Part No.	Inductance (nH)	Q Min.	Test Frequency (MHz)	Idc Max (mA)
<b>Tolerance: ±10% (cont.)</b>					
542-PM1008-R22K-RC	PM1008-R22K-RC	0.22	45	25	500
542-PM1008-R27K-RC	PM1008-R27K-RC	0.27	45	25	500
542-PM1008-R33K-RC	PM1008-R33K-RC	0.33	45	25	450
542-PM1008-R39K-RC	PM1008-R39K-RC	0.39	45	25	470
542-PM1008-R47K-RC	PM1008-R47K-RC	0.47	45	25	470
542-PM1008-R56K-RC	PM1008-R56K-RC	0.56	45	25	400
542-PM1008-R68K-RC	PM1008-R68K-RC	0.68	45	25	400
542-PM1008-R82K-RC	PM1008-R82K-RC	0.82	45	25	400
542-PM1008-1R0K-RC	PM1008-1R0K-RC	1.0	35	25	370
542-PM1008-1R2K-RC	PM1008-1R2K-RC	1.2	35	7.9	340
542-PM1008-1R5K-RC	PM1008-1R5K-RC	1.5	28	7.9	330
542-PM1008-1R8K-RC	PM1008-1R8K-RC	1.8	28	7.9	300
542-PM1008-2R2K-RC	PM1008-2R2K-RC	2.2	28	7.9	290
542-PM1008-2R7K-RC	PM1008-2R7K-RC	2.7	22	7.9	290
542-PM1008-3R3K-RC	PM1008-3R3K-RC	3.3	22	7.9	290
542-PM1008-3R9K-RC	PM1008-3R9K-RC	3.9	20	7.9	260
542-PM1008-4R7K-RC	PM1008-4R7K-RC	4.7	20	7.9	260

## J.W. Miller PM1210 SERIES CHIP INDUCTORS

### Specifications:

- Operating Temperature: -55°C to +105°C
- High resistance to solder heat and moisture
- Current to cause 20°C maximum temperature rise

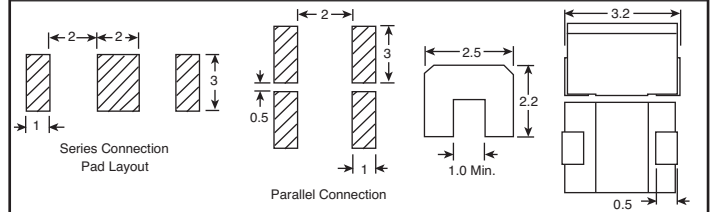
RoHS Compliant

Price Each					
1	10	25	50	100	
.33	.304	.282	.263	.21	

For quantities not listed, call for a quote.

MOUSER STOCK NO.	J.W. Miller Part No.	Inductance (μH)	Q Min.	Test Frequency (MHz)	Idc Max (mA)
<b>Tolerance: ±5%</b>					
542-PM1210-1R0J-RC	PM1210-1R0J-RC	1.0	28	7.96	400
542-PM1210-1R2J-RC	PM1210-1R2J-RC	1.2	28	7.96	390
542-PM1210-1R5J-RC	PM1210-1R5J-RC	1.5	28	7.96	370
542-PM1210-1R8J-RC	PM1210-1R8J-RC	1.8	28	7.96	350
542-PM1210-2R2J-RC	PM1210-2R2J-RC	2.2	30	7.96	320
542-PM1210-2R7J-RC	PM1210-2R7J-RC	2.7	30	7.96	290
542-PM1210-3R3J-RC	PM1210-3R3J-RC	3.3	30	7.96	260
542-PM1210-3R9J-RC	PM1210-3R9J-RC	3.9	30	7.96	250
542-PM1210-4R7J-RC	PM1210-4R7J-RC	4.7	30	7.96	220
542-PM1210-5R6J-RC	PM1210-5R6J-RC	5.6	30	7.96	200
542-PM1210-6R8J-RC	PM1210-6R8J-RC	6.8	30	7.96	180
542-PM1210-8R2J-RC	PM1210-8R2J-RC	8.2	30	7.96	170
542-PM1210-100J-RC	PM1210-100J-RC	10	30	2.52	150
542-PM1210-120J-RC	PM1210-120J-RC	12	30	2.52	140

### DIMENSIONS: mm



For quantities not listed, call for a quote.

MOUSER STOCK NO.	J.W. Miller Part No.	Inductance (μH)	Q Min.	Test Frequency (MHz)	Idc Max (mA)
<b>Tolerance: ±5% (cont.)</b>					
542-PM1210-150J-RC	PM1210-150J-RC	15	30	2.52	130
542-PM1210-180J-RC	PM1210-180J-RC	18	30	2.52	120
542-PM1210-220J-RC	PM1210-220J-RC	22	30	2.52	110
542-PM1210-270J-RC	PM1210-270J-RC	27	30	2.52	80
542-PM1210-330J-RC	PM1210-330J-RC	33	30	2.52	70
542-PM1210-390J-RC	PM1210-390J-RC	39	30	2.52	65
542-PM1210-470J-RC	PM1210-470J-RC	47	30	2.52	60
542-PM1210-560J-RC	PM1210-560J-RC	56	30	2.52	55
542-PM1210-680J-RC	PM1210-680J-RC	68	30	2.52	50
542-PM1210-820J-RC	PM1210-820J-RC	82	30	2.52	45
542-PM1210-101J-RC	PM1210-101J-RC	100	20	0.796	40
542-PM1210-121J-RC	PM1210-121J-RC	120	20	0.796	70
542-PM1210-151J-RC	PM1210-151J-RC	150	20	0.796	65
542-PM1210-181J-RC	PM1210-181J-RC	180	20	0.796	60
542-PM1210-221J-RC	PM1210-221J-RC	220	20	0.796	50