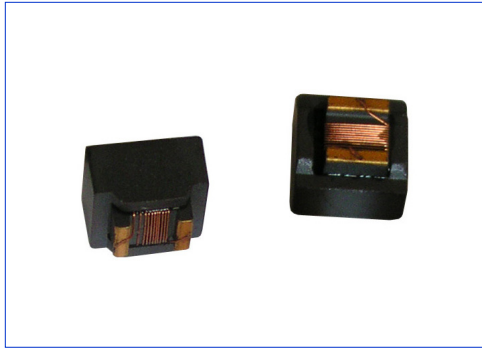


SHIELDED CERAMIC CHIP INDUCTOR



R7X1008P SERIES



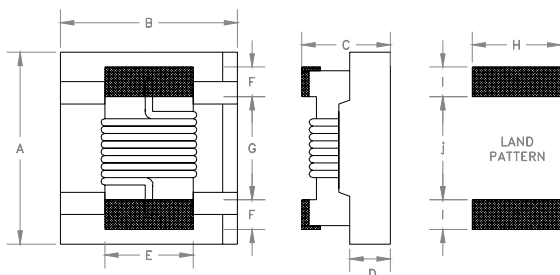
- RoHS Compliant Product
- Operating Temperature: -40°C to +105°C
- Inductance test @ 100KHz, 0.1V_{RMS}
- Inductance Tolerance: M = ±20%
- Package: Tape and Reel is the standard
(750 pcs per reel)

ELECTRICAL SPECIFICATION @ 25°C

Part Number	INDUCTANCE (μH) ±20%	Q FACTOR MIN	SRF MIN (MHz)	R _{DC} MAX (Ω)	I _{DC} MAX (mA)
R7X1008P-1R0M	1.0	35	344	0.05	1000
1R5M	1.5	35	260	0.06	800
1R8M	1.8	35	225	0.09	700
2R7M	2.7	38	185	0.14	650
3R9M	3.9	38	175	0.26	650
4R7M	4.7	38	160	0.35	500
5R6M	5.6	38	150	0.40	450
6R8M	6.8	38	120	0.60	400
100M	10	38	100	0.95	250
150M	15	38	35	1.15	220
220M	22	40	26	1.40	180
330M	33	45	20	1.60	150
390M	39	45	14	1.85	130
470M	47	45	14	2.50	110
680M	68	45	12	3.80	100
820M	82	45	9.0	4.20	100
101M	100	45	7.0	5.80	80
121M	120	45	6.0	6.20	60
151M	150	40	5.6	7.50	50
221M	220	40	4.0	10.0	50
331M	330	40	3.8	11.5	50
471M	470	35	2.0	16.5	50
561M	560	35	2.0	18.0	30
681M	680	30	1.8	24.0	30
821M	820	30	1.5	26.0	30
102M	1000	30	1.3	30.0	30

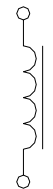
Mechanical

Schematic



A	B	C	D	E
0.14	0.14	0.1	0.06	0.080
3.6	3.6	2.5	1.6	2.00

F	G	H	I	J
0.020	0.056	0.085	0.025	0.060
0.50	1.50	2.16	0.64	1.53



Dimensions

Unless otherwise specified, all tolerances are:
 inch: .XX : ± 0.008 .XXX : ±0.004
 mm: X,X : ± 0,20 X,XX : ±0,10

R7X1008P-XXX
06061W

Product performance is limited to specified parameter. Data is subject to change without prior notice.

2463 208th, Ste. 205
Torrance, CA 90501

Phone: (310)533-1455
Fax: (310)533-1853

<http://www.mpsind.com>
Email: sales@mpsind.com