

## 1. Features

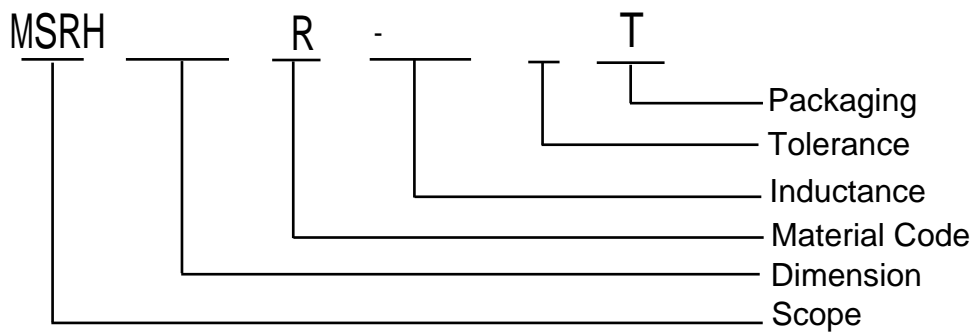
- Low profile
- Magnetic shielded
- SMT type, suitable for reflow soldering.



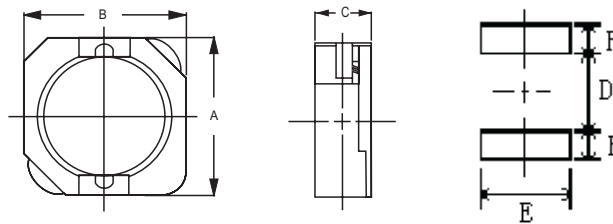
## 2. APPLICATIONS

- Portable communication equipment
- Notebook Computer
- DC/DC converters etc.

## 3. PRODUCT IDENTIFICATION



## 4. Shape and Dimensions



Unit: mm

Part	A	B	C	D	E	F
MSRH104R	10.2±0.3	10.0±0.3	4.0MAX	7.8	3.0	1.2

**Appendix A: Electrical Characteristics**
**I. MSRH104R TYPE INDUCTORS ELECTRICAL CHARACTERISTICS&TEST CONDITIONS**

Part Number	L (μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
MSRH104R-1R5NT	1.5	± 30%	100kHz,0.25v	0.081	12.5
MSRH104R-2R2NT	2.2	± 30%	100kHz,0.25v	0.021	7.50
MSRH104R-3R3NT	3.3	± 30%	100kHz,0.25v	0.035	6.00
MSRH104R-3R9NT	3.9	± 30%	100kHz,0.25v	0.035	6.00
MSRH104R-4R7NT	4.7	± 30%	100kHz,0.25v	0.028	5.50
MSRH104R-5R6NT	5.6	± 30%	100kHz,0.25v	0.028	5.50
MSRH104R-6R8NT	6.8	± 30%	100kHz,0.25v	0.038	4.80
MSRH104R-100MT	10	± 20%	1kHz,0.25v	0.035	5.60
MSRH104R-120MT	12	± 20%	1kHz,0.25v	0.046	5.00
MSRH104R-150MT	15	± 20%	1kHz,0.25v	0.050	4.40
MSRH104R-180MT	18	± 20%	1kHz,0.25v	0.069	4.10
MSRH104R-220MT	22	± 20%	1kHz,0.25v	0.073	3.60
MSRH104R-270MT	27	± 20%	1kHz,0.25v	0.088	3.28
MSRH104R-330MT	33	± 20%	1kHz,0.25v	0.093	2.90
MSRH104R-470MT	47	± 20%	1kHz,0.25v	0.128	2.44
MSRH104R-680MT	68	± 20%	1kHz,0.25v	0.213	2.08
MSRH104R-820MT	82	± 20%	1kHz,0.25v	0.283	1.88
MSRH104R-101MT	100	± 20%	1kHz,0.25v	0.304	1.66
MSRH104R-151MT	150	± 20%	1kHz,0.25v	0.506	1.40
MSRH104R-181MT	180	± 20%	1kHz,0.25v	0.568	1.24
MSRH104R-221MT	220	± 20%	1kHz,0.25v	0.756	1.19
MSRH104R-271MT	270	± 20%	1kHz,0.25v	0.853	1.06
MSRH104R-331MT	330	± 20%	1kHz,0.25v	1.090	0.92
MSRH104R-471MT	470	± 20%	1kHz,0.25v	1.900	0.60
MSRH104R-102MT	1000	± 20%	1kHz,0.25v	2.450	0.30

Products with other electrical characteristic can be provided upon customer's request. Please contact your local sales.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Fixed Inductors](#) category:*

*Click to view products by [MetalLions](#) manufacturer:*

Other Similar products are found below :

[CR32NP-100KC](#) [70F224AI](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#) [MHQ1005P5N1S](#) [MHQ1005P8N2J](#)  
[PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#)  
[HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-](#)  
[RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#)  
[1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#) [1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-](#)  
[HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#) [NIN-HDR82JTRF](#) [NIN-HK2N7STRF](#) [NIN-PA150KTR370F](#) [NIN-PB100KTR550F](#)