

# SPECIFICATIONS

Customer :

Customer P/N: **MSRH-R Series**

Drawing No :

Quantity : **0** Pcs. Date : **2017/09/06**Chilisin P/N : **MSRH-R Series/參照**

SPECIFICATION ACCEPTED BY:	
COMPONENT ENGINEER	
ELECTRICAL ENGINEER	
MECHANICAL ENGINEER	
APPROVED	
REJECTED	

**For Customer approval Only**Qualification Status: ☐ Full ☐ Restricted ☐ Rejected

Approved By	Verified By	Re-checked By	Checked By

Comments:  

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**Meled Electronics Co., Ltd.**

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Version change history

Rev.	Effective Date	Changed Contents	Change Reasons	Approved By
01	/	New release	/	/

## 1. Features

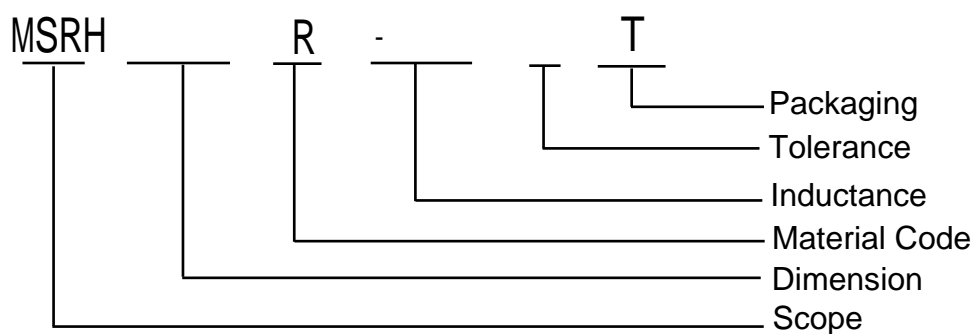
- Low profile
- Magnetic shielded
- SMT type, suitable for reflow soldering.



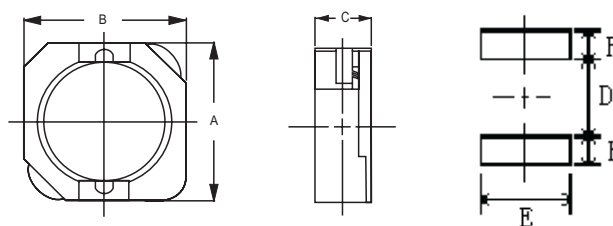
## 2. APPLICATIONS

- 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&amp;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.