

SPECIFICATIONS

Customer : _____

Customer P/N: MSRH-R Series

Drawing No : _____

Quantity : 0 Pcs. Date : 2017/09/06

Chilisin P/N : MSRH-R Series/参照

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: _____

Meled Electronics Co., Ltd.

www.meledinc.com

Version change history

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

1. Features

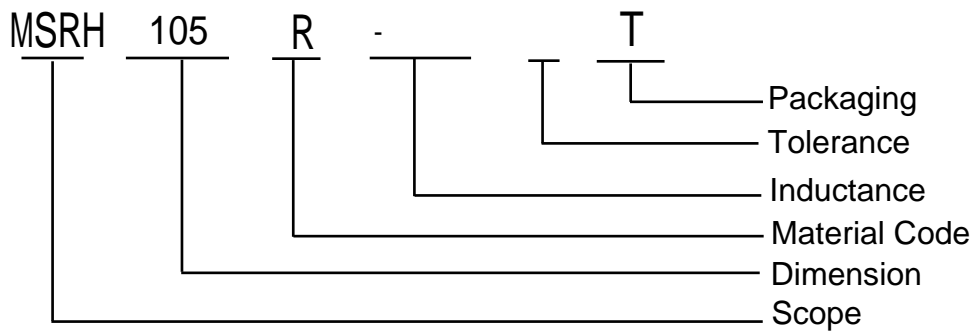
- Low profile
- Magnetic shielded
- SMT type, suitable for reflow soldering.



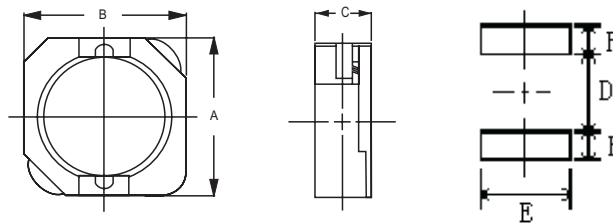
2. APPLICATIONS

- 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
MSRH105R	10.2±0.3	10.0±0.3	5.0MAX	7.8	3.0	1.2

Appendix A: Electrical Characteristics

I. MSRH105R TYPE INDUCTORS ELECTRICAL CHARACTERISTICS&TEST CONDITIONS

Part Number	L(μH)	Tolerance	Test Freq.	DCR(Ω)Max	Isat(A)
MSRH105R-100MT	10	± 20%	1kHz,0.25v	0.026	5.35
MSRH105R-120MT	12	± 20%	1kHz,0.25v	0.033	4.50
MSRH105R-150MT	15	± 20%	1kHz,0.25v	0.041	4.15
MSRH105R-180MT	18	± 20%	1kHz,0.25v	0.046	3.85
MSRH105R-220MT	22	± 20%	1kHz,0.25v	0.061	3.60
MSRH105R-270MT	27	± 20%	1kHz,0.25v	0.069	3.25
MSRH105R-330MT	33	± 20%	1kHz,0.25v	0.084	2.95
MSRH105R-470MT	47	± 20%	1kHz,0.25v	0.130	2.38
MSRH105R-680MT	68	± 20%	1kHz,0.25v	0.201	1.90
MSRH105R-820MT	82	± 20%	1kHz,0.25v	0.227	1.75
MSRH105R-101MT	100	± 20%	1kHz,0.25v	0.253	1.61
MSRH105R-151MT	150	± 20%	1kHz,0.25v	0.370	1.39
MSRH105R-181MT	180	± 20%	1kHz,0.25v	0.419	1.24
MSRH105R-221MT	220	± 20%	1kHz,0.25v	0.500	1.17
MSRH105R-271MT	270	± 20%	1kHz,0.25v	0.672	0.97
MSRH105R-331MT	330	± 20%	1kHz,0.25v	0.812	0.89
MSRH105R-471MT	470	± 20%	1kHz,0.25v	1.289	0.77
MSRH105R-102MT	1000	± 20%	1kHz,0.25v	1.989	0.56

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