

Power Inductor SMD (2.0 X 1.6 X 1.0 mm)

FEATURES

- Miniature Package
- Low DCR

Low Profile

Halogen Free RoHS compliant

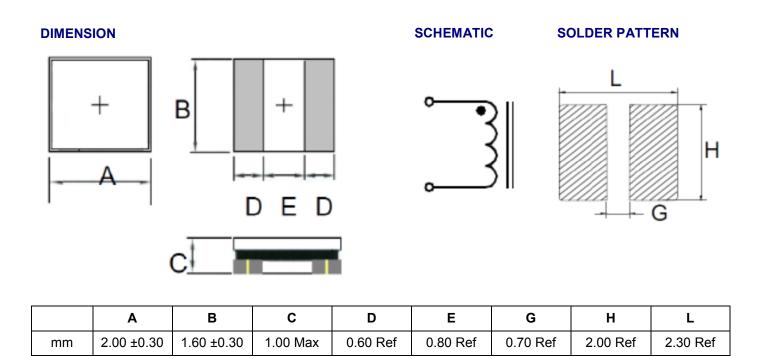


SPECIFICATION

		DC Resistance	Rated DC Cur	rent (A) Typ.	
Part No.	Inductance (µH)	(Ω ±20%)	ΔL/L=30%	∆T=40°C	
TPQH201610TF-R24M-R	0.24 ±20%	0.030	4.10	3.90	
TPQH201610TF-R47M-R	0.47 ±20%	0.042	3.10	3.00	
TPQH201610TF-1R0M-R	1.0 ±20%	0.079	2.10	2.00	
TPQH201610TF-1R5M-R	1.5 ±20%	0.140	1.90	1.65	
TPQH201610TF-2R2M-R	2.2 ±20%	0.180	1.45	1.50	
TPQH201610TF-4R7M-R	4.7 ±20%	0.400	0.90	0.90	
TPQH201610TF-100M-R	10 ±20%	0.600	0.70	0.70	

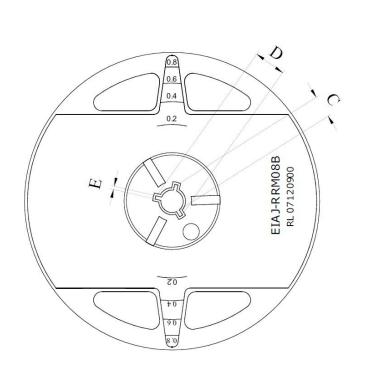
Measurement frequency of Inductance value : 1MHz, 1V

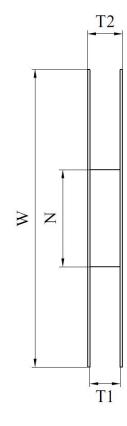
Test Equipment: CH1062A; CH1320



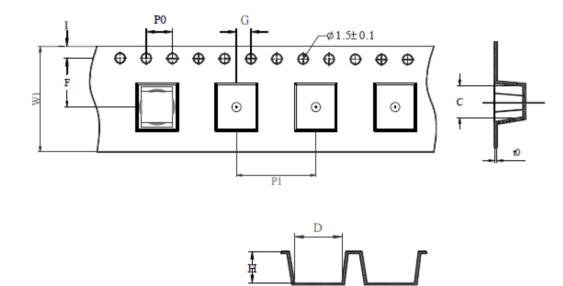


REEL DIMENSIONS (2000 pcs per reel)





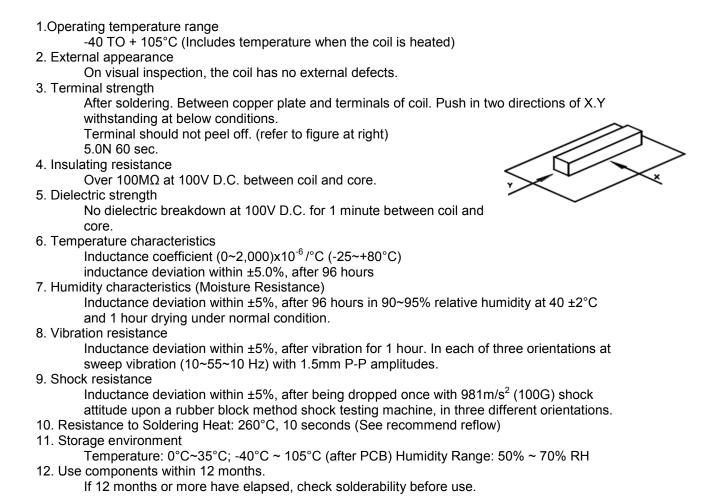
	mm
W	178 ±1.5
D	21.0 ±0.8
С	13.0 ±0.5
T1	10.0 +1.5/-0
Ν	50.0 Min
T2	12.50 ±0.4
E	2.00±0.5



	mm
W1	8.00 ±0.1
I	1.75 ±0.1
F	3.50 ±0.1
P0	4.00 ±0.1
G	2.00 ±0.1
P1	4.00 ±0.1
С	3.60 ±0.1
tO	0.25 ±0.05
D	3.28 ±0.1
Н	1.28 ±0.1

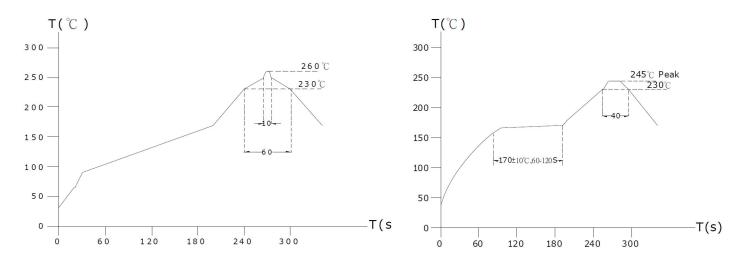


RELIABILITY TEST



LEAD-FREE HEAT ENDURANCE TEST

LEAD-FREE RECOMMENDED REFLOW



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