

Power Inductor SMD (2.5 X 2.0 X 1.2 mm)

FEATURES

- Shielded construction
- Alloy powder molding
- Halogen Free RoHS compliant



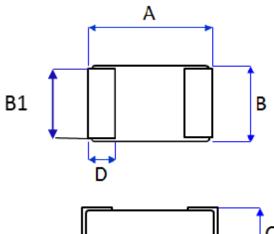
SPECIFICATION

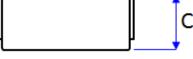
Part No.	Inductance (µH)	Tolerance (%)	DC Resistance mΩ Max	DC Currer ΔL/L=30%	nt (A) Typ. ΔT=40°C	SRF (MHz) Min	Q Min	
TMPIC252012F-R22M	0.22	±20	13	7.00	8.00	30	30	
TMPIC252012F-R33M	0.33	±20	17	4.30	5.60	30	30	
TMPIC252012F-R47M	0.47	±20	25	3.80	4.50	30	30	
TMPIC252012F-R68M	0.68	±20	43	3.00	4.00	30	30	
TMPIC252012F-1R0M	1.0	±20	53	2.80	3.10	30	30	
TMPIC252012F-1R5M	1.5	±20	70	2.61	2.43	10	30	
TMPIC252012F-2R2M	2.2	±20	98	1.80	2.30	10	30	

• Measurement frequency of Inductance value : at 1MHz, 1V

• Test equipment: CH3302 / CH1320

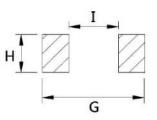
DIMENSION

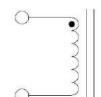




SOLDER PATTERN

SCHEMATIC



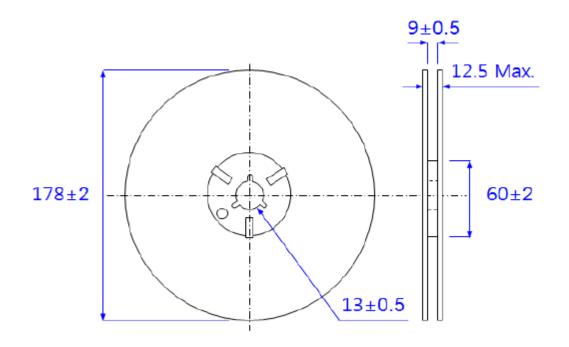


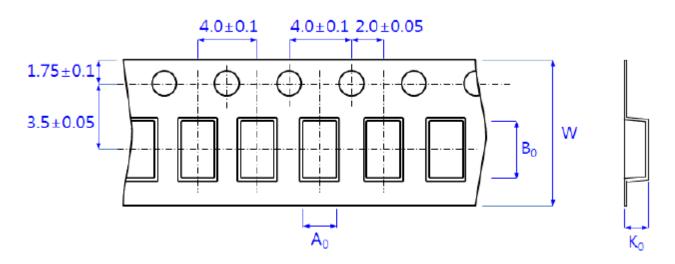
	Α	В	B1	С	D	G	Н	I
mm	2.5 ±0.2	2.0 ±0.2	1.84 ±0.2	1.20MAX	0.6 ±0.3	2.90	2.1	1.2





REEL DIMENSIONS (3000 pcs per reel)



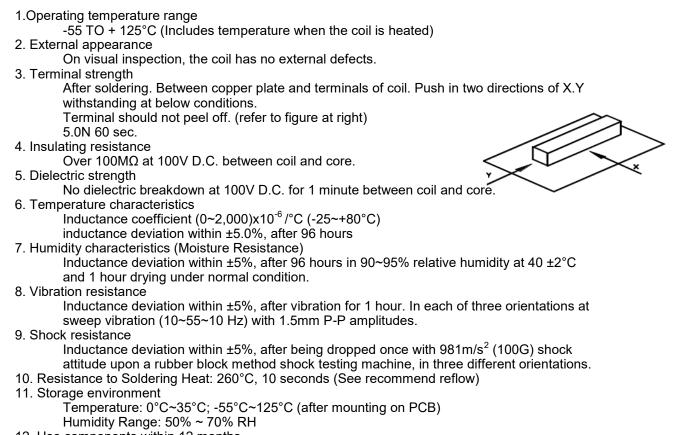


	mm
A0	2.27 ±0.1
B0	2.74 ±0.1
K0	1.40 ±0.1
W	8.00 ±0.1





RELIABILITY TEST

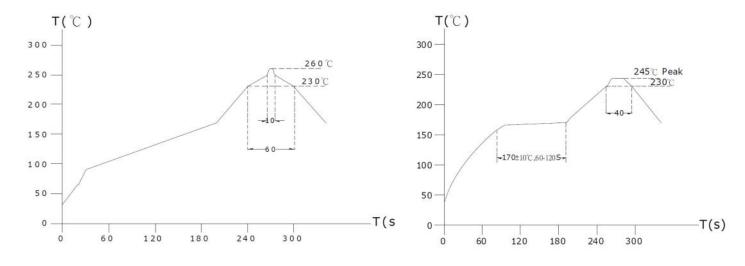


12. Use components within 12 months.

If 12 months or more have elapsed, check solderability before use.

LEAD-FREE HEAT ENDURANCE TEST

LEAD-FREE RECOMMENDED REFLOW



Transko Electronics, Inc reserves the right to make changes to the product (s), service (s), and specification (s) described herein without notice. See "Terms of Sale" for details on our website.