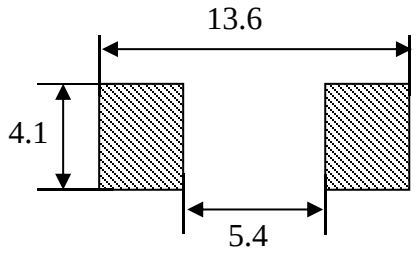
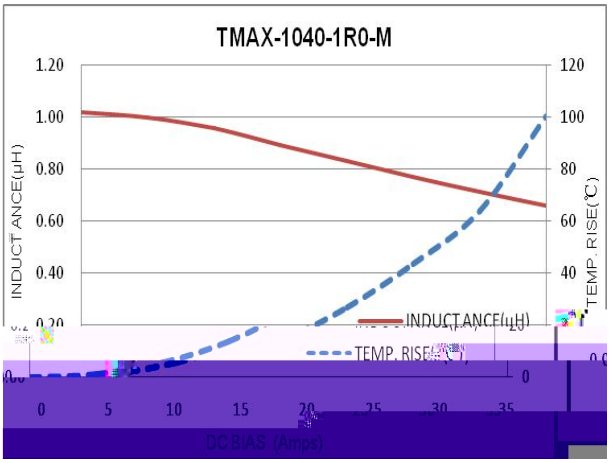
	A0	Initial release TMAX-1060-R68-M	2018/03/06	Heter	Roger

in millimeters



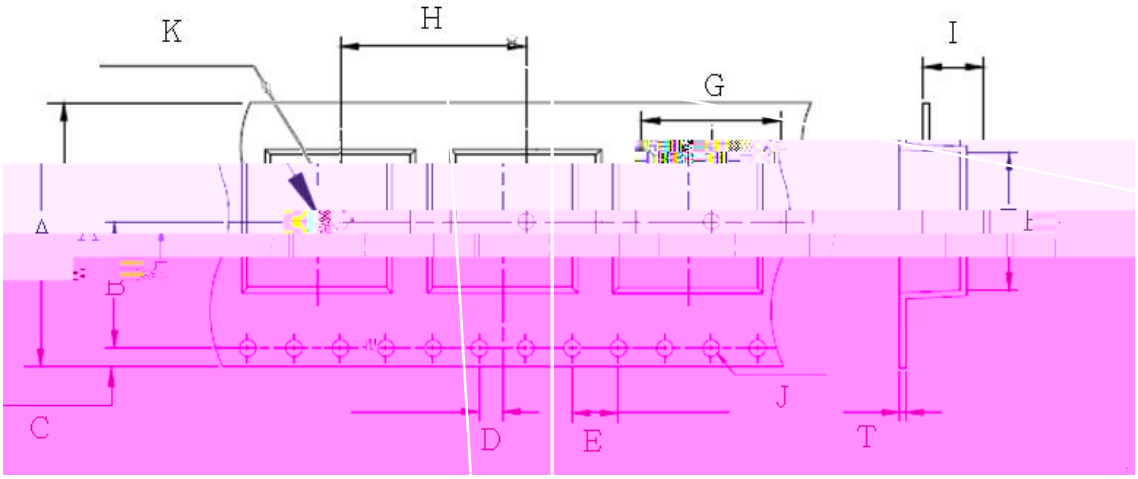
- The inductor is marked with a 6-digit code by ink.
- For example: 1R0→ 1.0μH, R10→ 0.1μH.



Solderability	Solder heat proof : 1.Preheating: 160 10°C for 90 seconds 2.Retention time: 245 5 for 2 0.5 seconds	The surface of terminal immersed shall be minimum of 95% covered with a new coating of solder.
Vibration	1.Vibration frequency: (10Hz to 55Hz to10Hz) in 60 seconds as a 0	

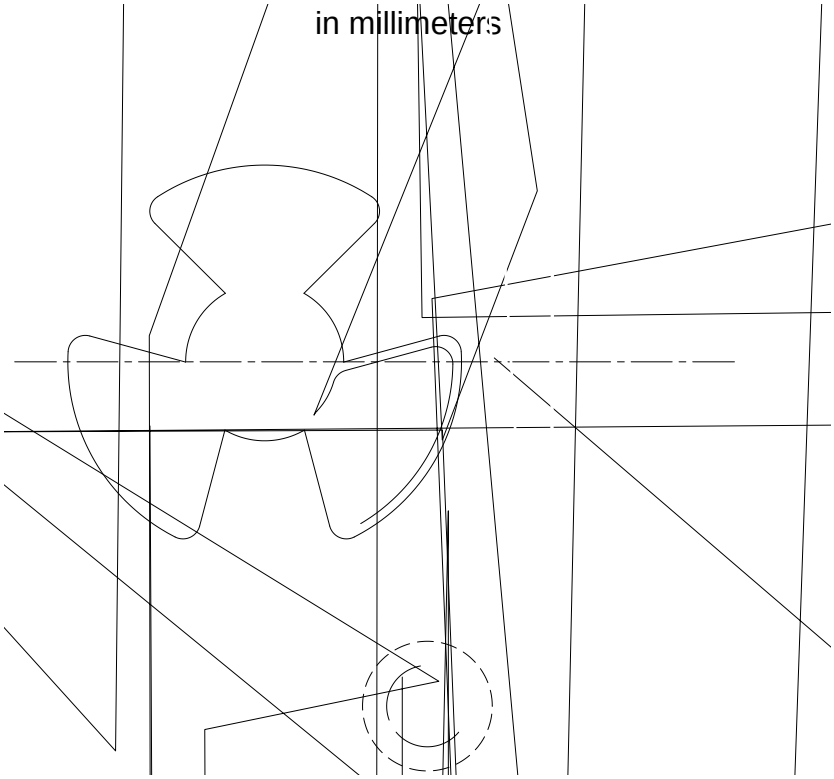
Thermal Shock	1.Repeat 100 cycle as follow: (-55 2°C,30 3minutes) (Room temperature, 5 minutes) (+125 2°C,30 3minutes) (Room temperature, 5 minutes) 2.Recovery: 48 + 4 / - 0 hours of recovery under the standard condition after the test	
High Temperature Resistance	1.Environment Temperature : 85 2°C 2.Applied Current: Rated current 3.Duration : 1,000 + 4 / - 0 hours	$\Delta L/L_0 \leq$ 5% No distinct damage in appearance.
Humidity Resistance	1.Environment Temperature: 60 2°C 2.Relative Humidity: 90~95% 3.Duration: 1,000 + 4 / - 0 hours	
Low Temperature Store	1.Store temperature: -55 2°C for total 1,000 + 4 / - 0 hours	
High Temperature Store	1.Store temperature: +125 2°C for total 1,000 + 4 / - 0 hours	

in millimeters



G	F	I	T	H	A
10.7 0.1	12.0 0.1	6.5 0.1	0.35 0.05	16.0 0.1	24.0 0.3
J	K	D	E	B	C
φ1.50 0.1	φ1.50 0.1	2.0 0.1	4.0 0.1	11.5 0.1	1.75 0.1

in millimeters



A	B	Color
24.5 0.2	2.0 0.2	Blue

- The pe[redacted] Sha[redacted]e

- 500 pieces/reel

- The following items shall be marked on the production and shipping
- Label on the reel

✓ Part No.	✓ Customer’s Name
✓ Description	✓ Customer’s Part No.
✓ Quantity	✓ Manufacturer’s Part No.
✓ Produce No.	✓ Manufacturer’s Name
✓ Taping No.	✓ Manufacturer’s Country

➢

➢ Provision to Abnormal Condition

This molded power inductor itself does not have any protective function in abnormal condition such as overload, short-circuit and open-circuit conditions, etc. Therefore, it shall be confirmed as the end product that there is no risk of smoking, fire, dielectric withstand voltage, insulation resistance, etc. in abnormal conditions to provide protective devices and/or protection circuit in the end product.

➢ Temperature Rise

Temperature rise of molded power inductor depends on the installation condition on end products. It shall be confirmed on the actual end product that temperature rise of molded power inductor is in the limit of specified temperature class.

➢ Dielectric Strength

Dielectric withstanding test with higher risk