

SCM Series



FEATURES

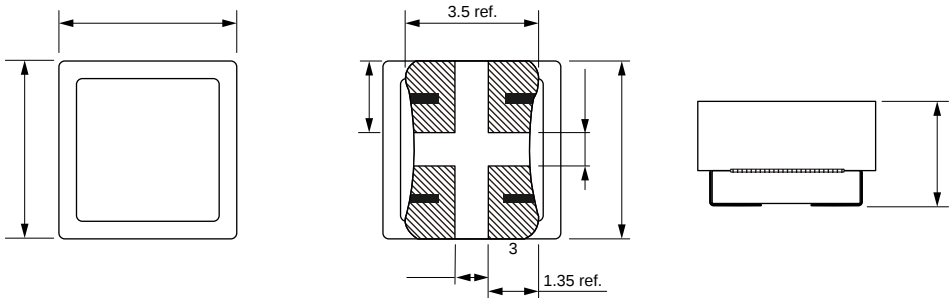
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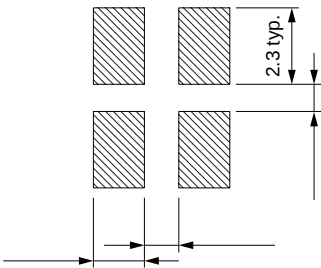
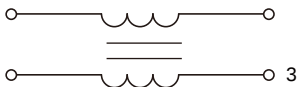
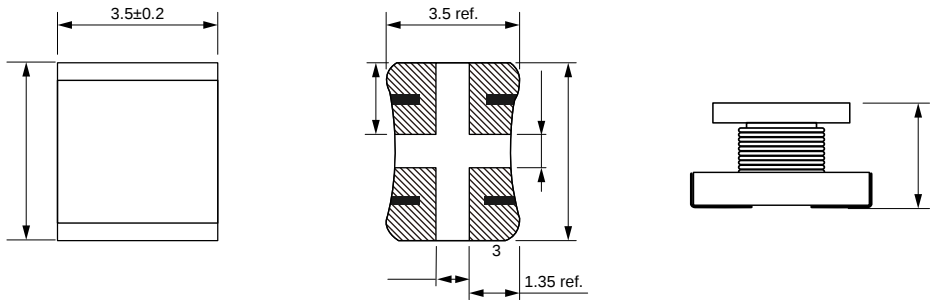
APPLICATIONS

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$Z \leq 3000 \Omega$

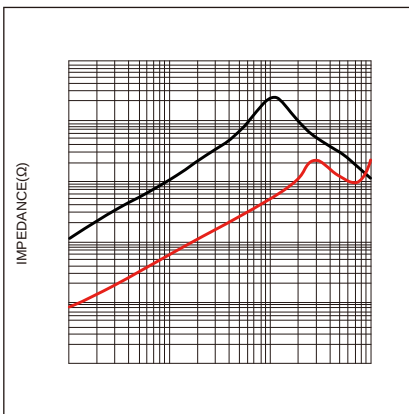
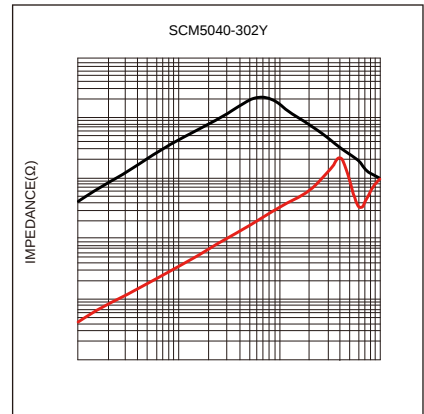
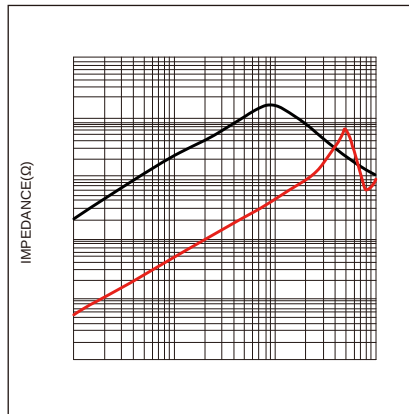
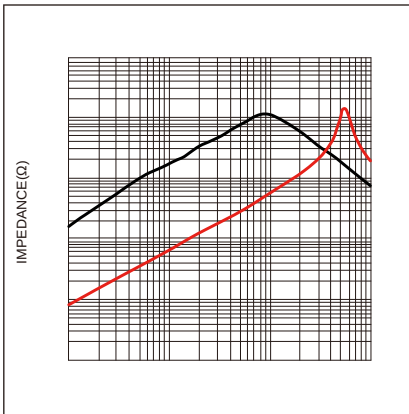
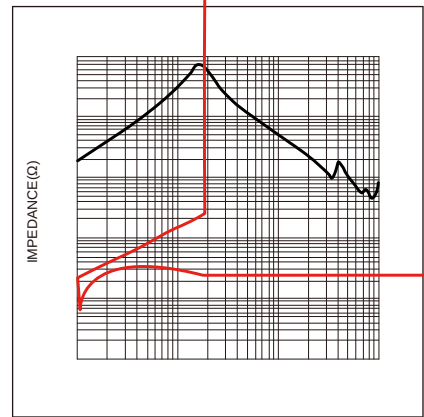
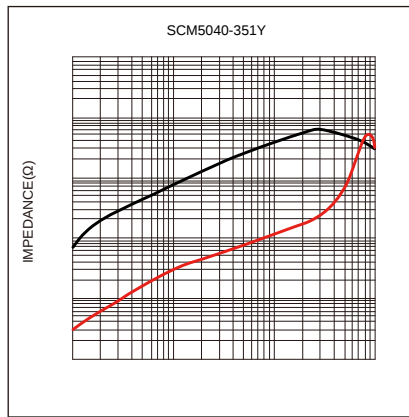
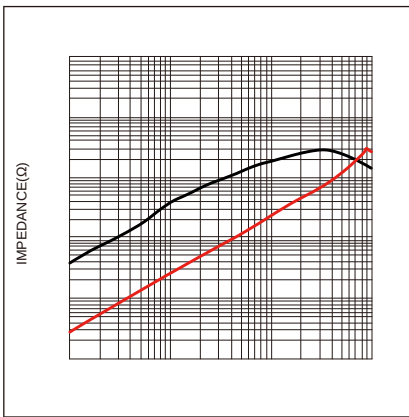


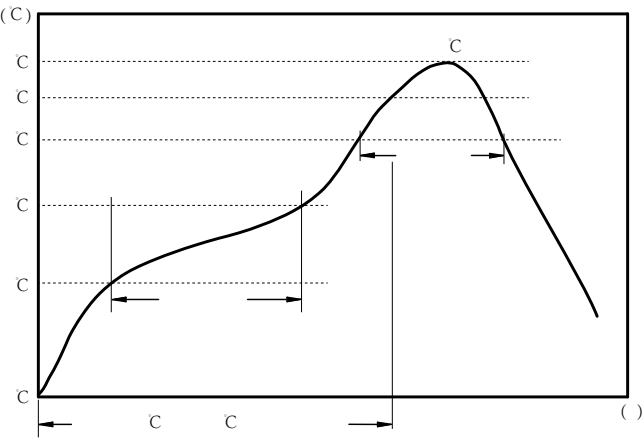
$= 4000 \Omega$



Part No	Impedance @ 100 MHz Typ.	Inductance @ 100 KHz/0.1V Typ.	DC Resistance Max.	Rated Current Max. (A)	Rated Voltage Max. (Vdc)	IR Min.

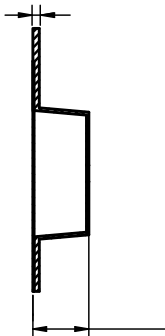
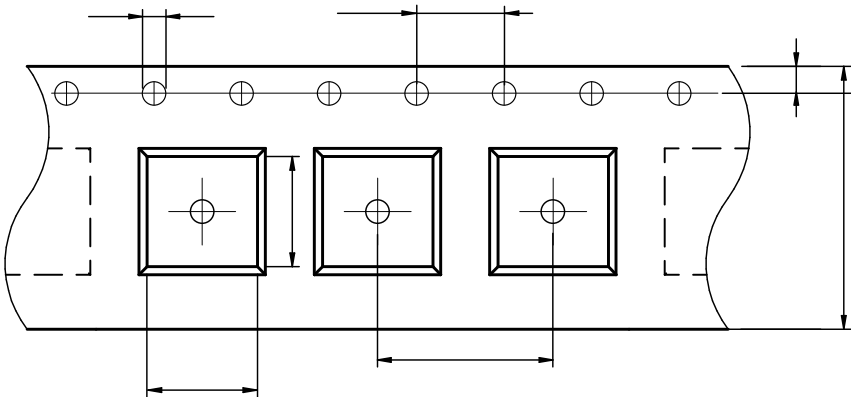
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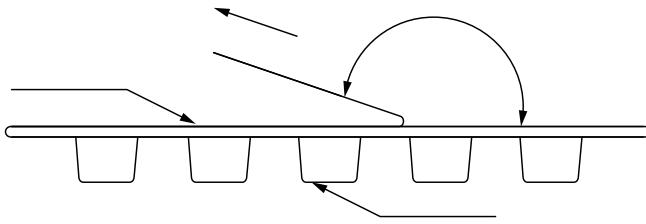
4.6
4.6
4.6

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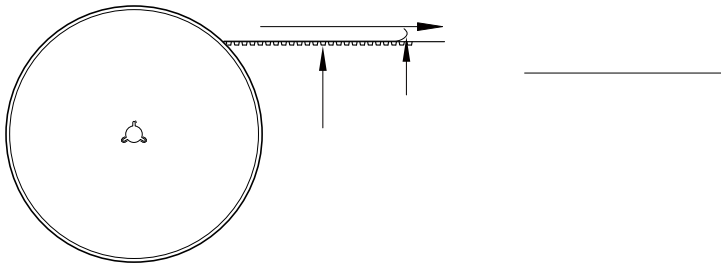
SCM5040	5.3±0.1	5.3±0.1	1.5±0.1	4.0±0.2	12.0±0.1	16.0±0.3	4.6±0.1	1.75±0.1	0.40±0.05

Marking	Printing Impedance)
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The peel force of top cover tape shall be between 0.1 to 1.17 N

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- tions (temperature: -5 to 35°C, humidity: 75% RH Max).If the storage period elapses, the soldering of the
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and
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- Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient
- Before soldering, be sure to preheat components.The preheating temperature should be set so that the
- tions.If overheated, a short circuit, performance deterioration, or lifespan shortening may occur.
- Generally, Koher might not be familiar with either customer's specific application or actual requests as customer performance described in the product specification is suitable for using in customer's particular application or
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- An open circuit may occur due to mechanical stress from the resin, its amount, cured shape, or operating
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- Prior to using the coating resin, please verify that no reliability issues are observed.
- When applying conformal coating for product protection, materials with a high shrinkage rate should be avoided.If such materials must be used, it is recommended to apply silicone around the inductor core in a closed loop to prevent the conformal coating from flowing into or penetrating the windings, thereby avoiding open-circuit failures caused by the coating's thermal stress.