FEATURES

- High performance realized by metal dust core and hot pressing process.
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APPLICATION

- Thermal management products, such as water pumps and valves
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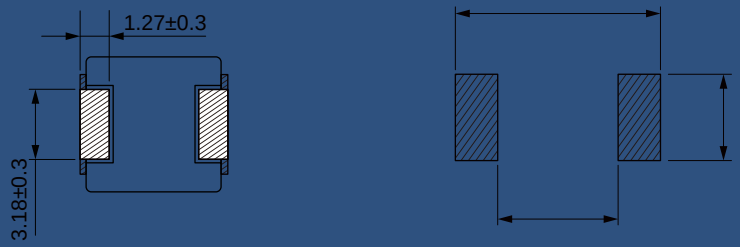
- HVAC



	(μH)		(A)	(A)	Satura on (A)	Satura on (A)	(mΩ)
MDA7030HT-R47M	0.47	±20%	17.0	15.3	16.3	14.0	4.62
MDA7030HT-R68M	0.68	±20%	16.5	14.1	13.0	11.0	5.30
MDA7030HT-1R0M	1.00	±20%	13.0	11.7	13.0	11.1	7.80
MDA7030HT-1R5M	1.50	±20%	10.6	9.5	11.6	9.9	12.5
MDA7030HT-2R2M	2.20	±20%	9.0	8.1	8.0	6.9	16.5
MDA7030HT-3R3M	3.30	±20%	7.5	6.8	8.3	7.1	26.0
MDA7030HT-4R7M	4.70	±20%	6.0	5.4	6.0	5.1	33.4
MDA7030HT-6R8M	6.80	±20%	5.5	5.0	4.5	3.9	46.8
MDA7030HT-100M	10.0	±20%	4.0	3.6	3.5	3.0	70.5
MDA7030HT-150M	15.0	±20%	3.2	2.9	2.8	2.4	110
MDA7030HT-220M	22.0	±20%	2.8	2.5	2.4	2.1	174

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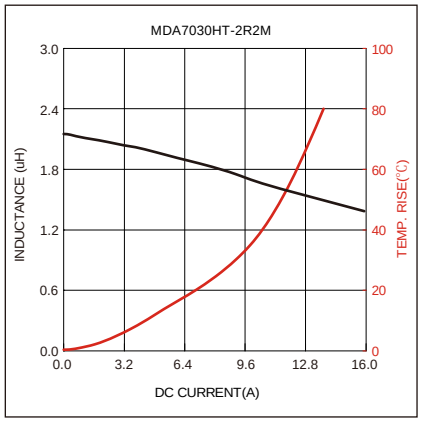
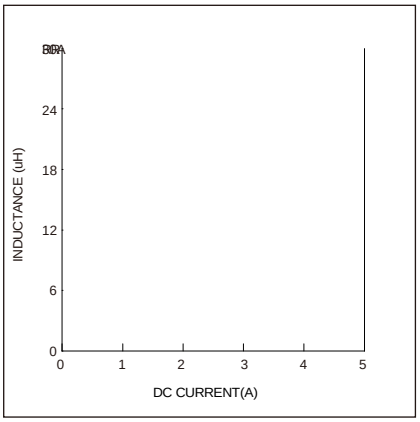
Typical Electrical Characteristics:



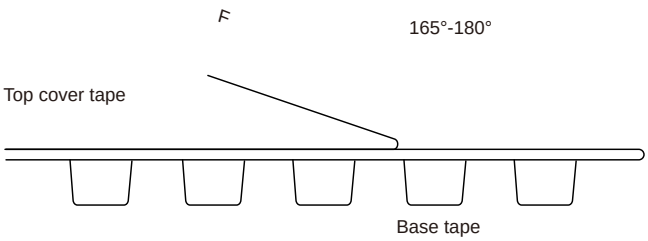


Soldering Reflow:

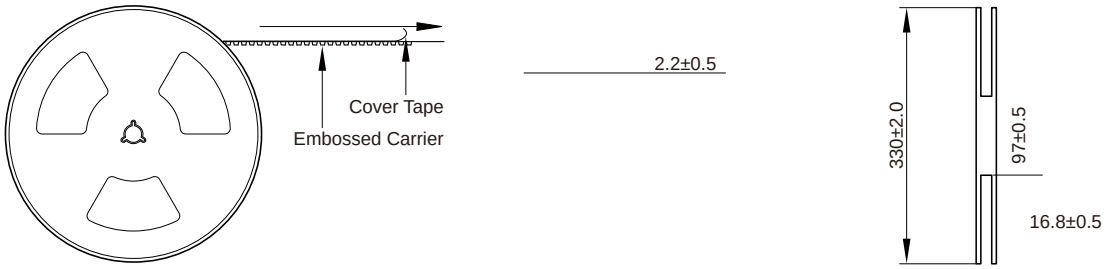
Packaging Information:

Tape Dimension：

Peel force of top cover tape:



Reel Dimension：[mm]



Packaging Quantity:

1000 Pcs/Reel　　2 Reel /Inner box(2000 Pcs)　　3 Inner box/Carton box(6K Pcs)

Cautions and Warnings:

Storage Conditions：

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max).If the storage period elapses, the soldering of the terminal electrodes may deteriorate.The warranty period is one year.
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and etc.
- Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

Operation Instructions:

- Self heating (temperature increase) occurs when the power is turned ON, so the tolerance should be sufficient for the set thermal design.
- Before soldering, be sure to preheat components.The preheating temperature should be set so that the temperature difference between the solder temperature and chip temperature does not exceed 150°C.
- Soldering corrections after mounting should be within the range of the conditions determined in the specifications.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 does.As a result customer shall be responsible for checking and confirming whether Koher product with the