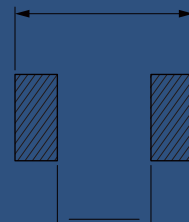
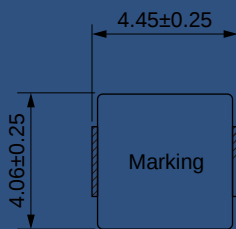


APPLICATION

- Headlamps, tail lamps and interior lighting
- HVAC
- Doors, window lift and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and navigation

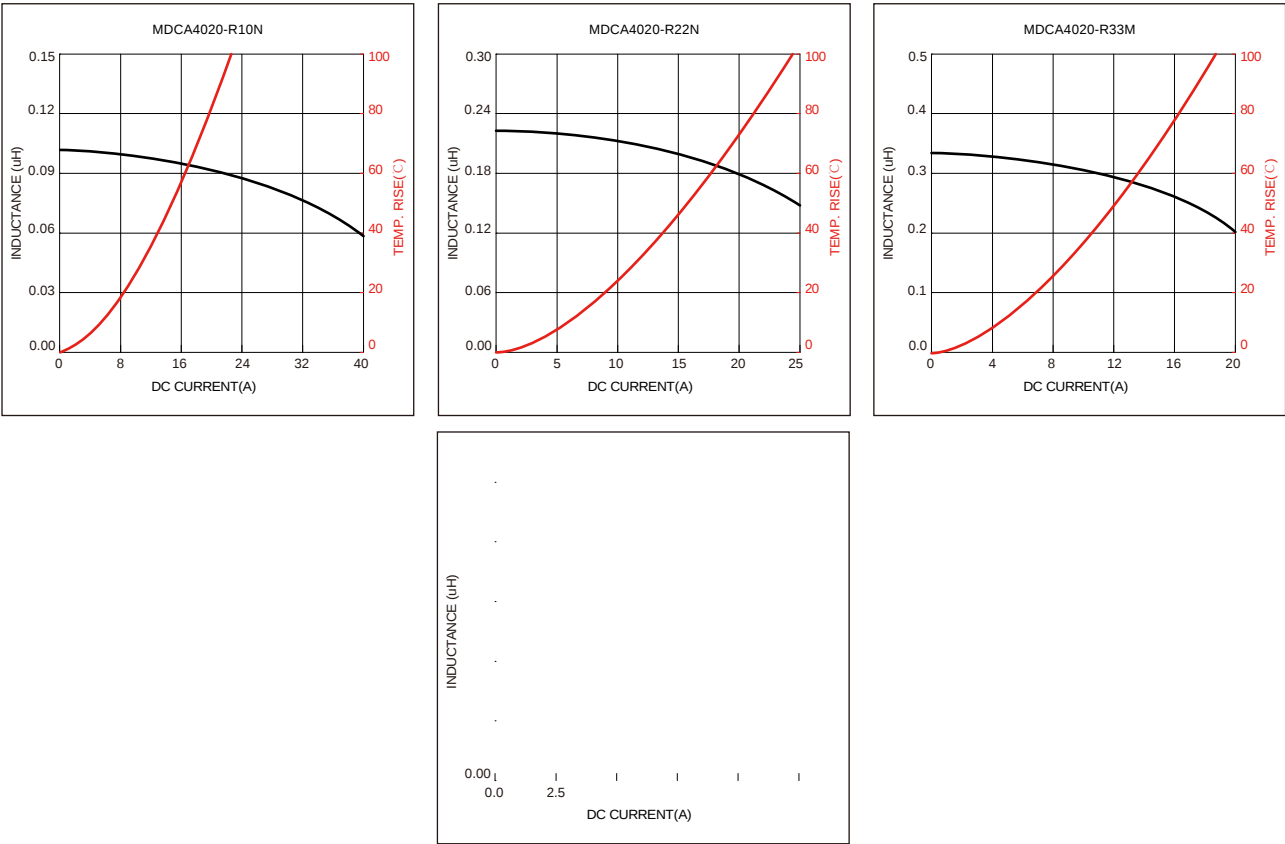


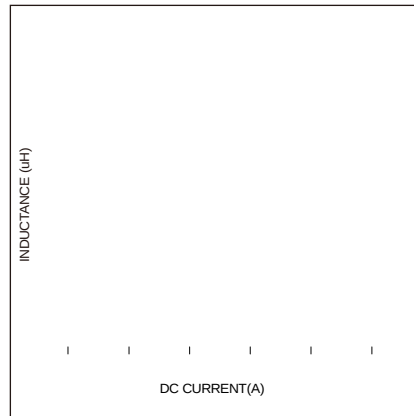
	Tolerance	Temperature Rise Current Typ. (A)	Saturation Current Typ. (A)		
	±30%	14.0	35.0	3.20	4.0
	±30%	13.0	24.0	6.60	7.3
	±20%	10.0	18.0	7.80	8.6
	±20%	8.00	12.0	11.2	14
	±20%	7.30	10.0	13.5	16
	±20%	7.00	10.0	16.0	19
	±20%	5.00	8.50	22.0	27
	±20%	4.50	7.00	34.8	42
	±20%	4.00	6.00	51.0	61
	±20%	3.50	4.00	69.0	76
	±20%	2.60	3.50	95.0	105
	±20%	2.20	3.00	112	125
	±20%	2.10	2.80	150	172
	±20%	2.00	2.50	158	180
		MDCA4020-R47M	0.47		
		MDCA4020-R56M	0.56		
		MDCA4020-R68M	0.68		
		MDCA4020-1R0M	1.00		
		MDCA4020-1R5M	1.50		



Part No	Inductance @ 100KHz/1V (μ H)	Tolerance				
MDCA4020-100M	10.0	$\pm 20\%$	1.80	2.30	215	243
MDCA4020-150M	15.0	$\pm 20\%$	1.50	1.90	325	374
MDCA4020-220M	22.0	$\pm 20\%$	1.20	1.40	470	500

Typical Electrical Characteristics:



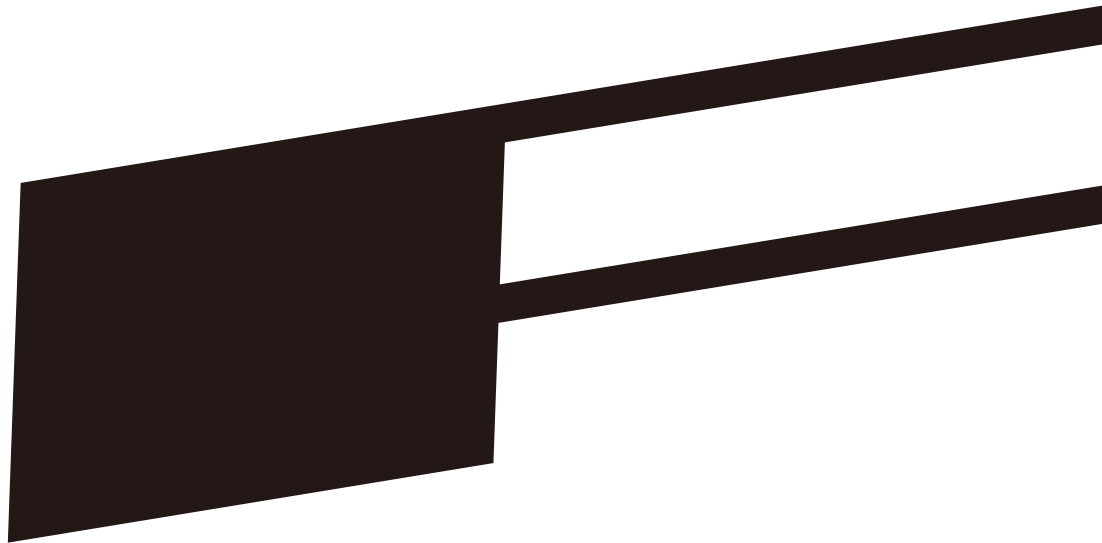


Soldering Reflow:

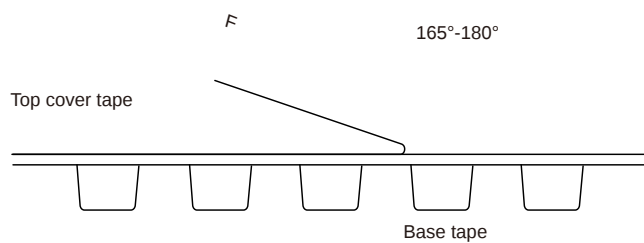


Packaging Information:

Tape Dimension :



Peel force of top cover tape:



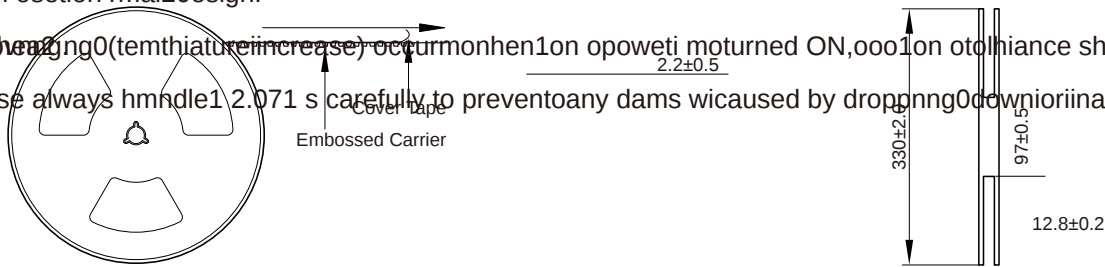


Reel Dimension: [mm]

For more information, please refer to the design.

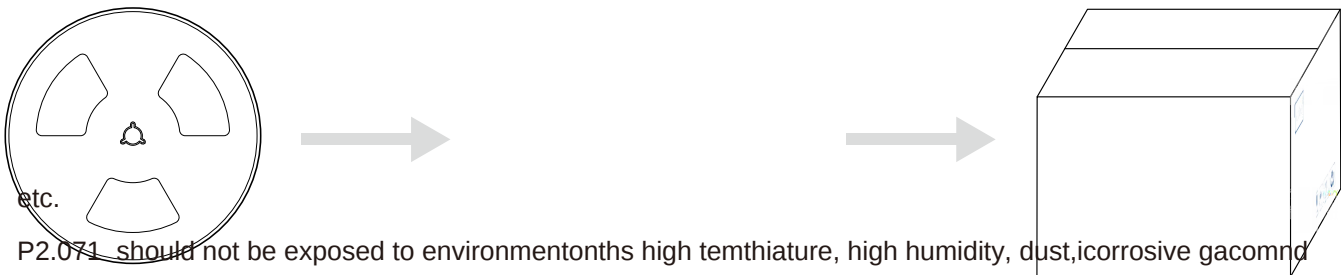
Self-heating (temperature increase) occurs when the power is turned ON, so the thermal resistance should be sufficient to prevent the temperature from rising.

Please always handle P2071s carefully to prevent any damage caused by dropping or bending.



Packaging Quantity

Handle with care to avoid damage or contamination from this spiral wound foil.



etc.

P2071 should not be exposed to environments with high temperature, high humidity, dust, or corrosive gas.

3000 Pcs/Reel

3 Reel / Inner box (9000 Pcs)

3 Inner box / Carton box (27K Pcs)

Cautions and Warnings:

Electrical shock may be fatal.

Storage Conditions:

Store in a dry, clean environment. If the storage period is within 12 months, the storage conditions are as follows.

- The storage period is within 12 months after the completion of production.
- The storage environment should be dry and clean.
- The storage temperature should be within -5°C to 35°C.
- The storage humidity should be within 75% RH Max.

Operation Instructions:

- The operation should be performed in a dry, clean environment.
- The operation temperature should be within -5°C to 35°C.
- The operation humidity should be within 75% RH Max.
- The operation should be performed in a dry, clean environment.