

### APPLICATION

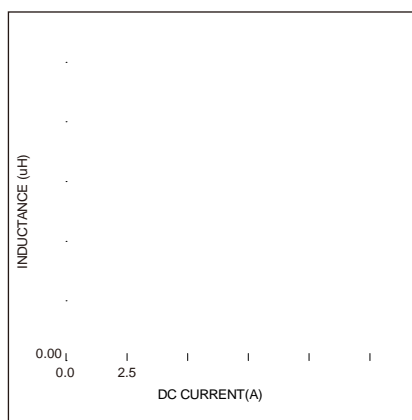
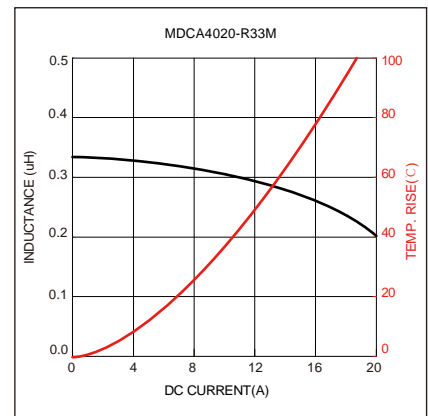
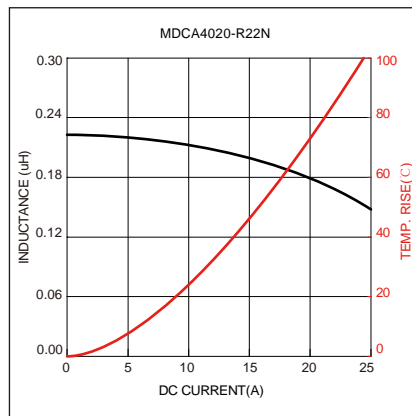
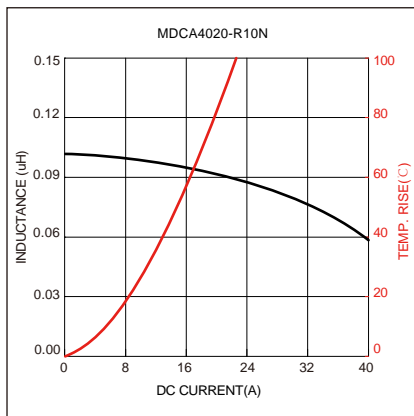
- Headlamps, tail lamps and interior lighting
- HVAC
- Doors, window lift and seat control
- Audio subsystem
- Digital instrument cluster
- In-Vehicle Infotainment and navigation

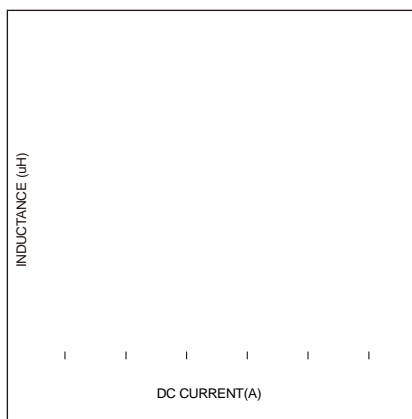
Tolerance	Temperature Rise Current Typ. (A)	Saturation Current Typ. (A)	Inductance @ 100KHz/1V ( $\mu$ H)		
±30%	14.0	35.0	3.20		4.0
±30%	13.0	24.0	6.60		7.3
±20%	10.0	18.0	7.80		8.6
±20%	8.00	12.0	11.2		14
±20%	7.30	10.0	13.5		16
±20%	7.00	10.0	16.0		19
±20%	5.00	8.50	22.0		27
±20%	4.50	7.00	34.8		42
±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	0.10	125
±20%	2.10	2.80	150	0.22	172
±20%	2.00 g	Y 2.50	158	0.33	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 ( $\mu$ 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:





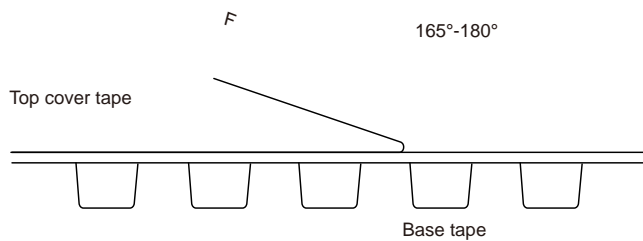


Soldering Reflow:

Packaging Information:

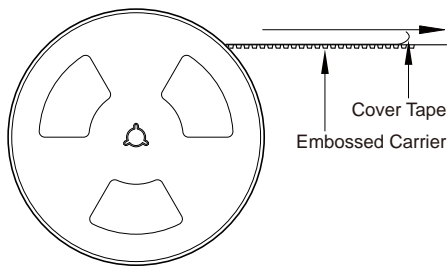
Tape Dimension:

Peel force of top cover tape:

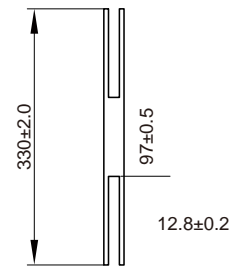




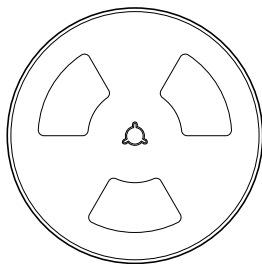
### Reel Dimension: [mm]



2.2±0.5



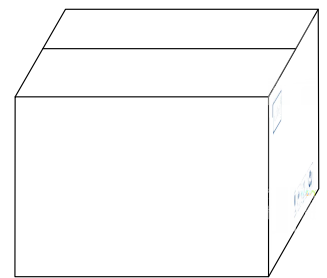
### Packaging Quantity:



3000 Pcs/Reel



3 Reel /Inner box( 9000 Pcs)



3 Inner box/Carton box(27K Pcs)

### Cautions and Warnings:

#### Storage Conditions :

- The storage period is within 12 months after the completion of pro 0 0 0 chSQq 6SQ3cSQn. Bthiure to follow 0 0 in 12 mo
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#### Operation Instructions:

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