

**NEW PRODUCT
 INFORMATION**

Power Inductor for Automotive application
DPCV Series
 [RoHS Compliant]

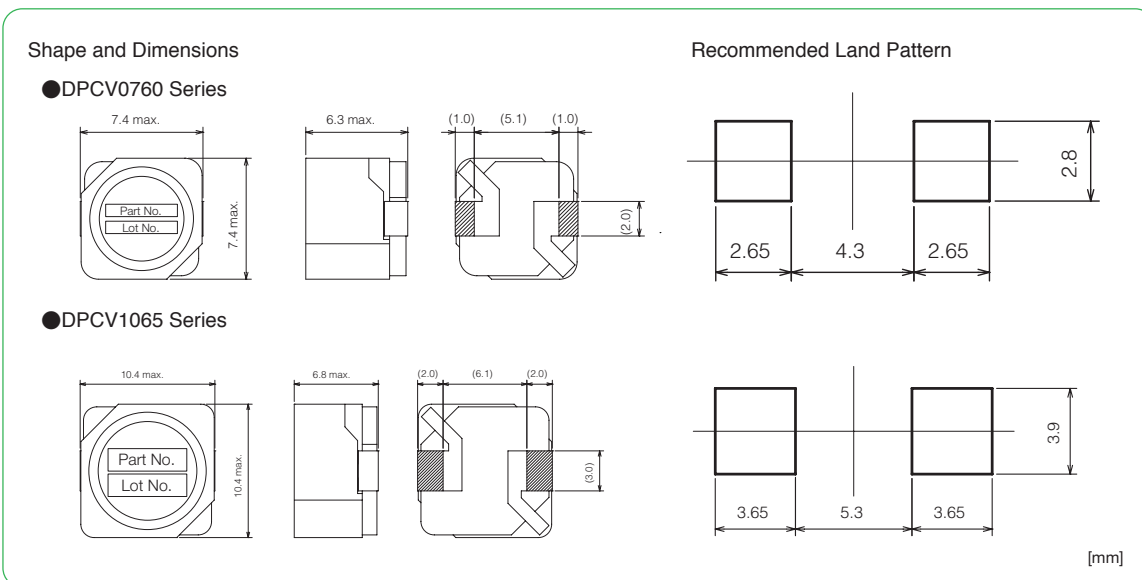


Part No.	Inductance(μ H) at 100kHz, 1mA	DC Resistance (m Ω) max.	Rated Current(A)	
			I _{rms} *1(Ref.)	I _{sat} *2(Ref.)
DPCV0760L 1R5A	1.5 \pm 30%	21.0	6.0	7.5
DPCV0760L 3R3A	3.3 \pm 30%	29.7	4.5	5.5
DPCV0760L 4R4A	4.4 \pm 30%	36.1	4.0	5.0
DPCV0760L 6R8A	6.8 \pm 30%	42.2	3.5	4.0
DPCV0760L 100A	10 \pm 20%	48.4	3.2	3.0
DPCV0760L 150A	15 \pm 20%	91.9	2.3	2.5
DPCV0760L 220A	22 \pm 20%	117.6	2.0	2.0
DPCV0760L 330A	33 \pm 20%	175.2	1.7	1.8
DPCV0760L 470A	47 \pm 20%	247.2	1.5	1.5
DPCV0760L 680A	68 \pm 20%	355.1	1.0	1.2
DPCV0760L 101A	100 \pm 20%	538.2	0.8	1.0
DPCV1065L 1R3A	1.3 \pm 30%	14.0	7.5	12.0
DPCV1065L 3R5A	3.5 \pm 30%	19.6	6.2	7.0
DPCV1065L 4R4A	4.4 \pm 30%	22.1	5.7	6.5
DPCV1065L 6R8A	6.8 \pm 30%	26.8	5.5	5.0
DPCV1065L 100A	10 \pm 30%	31.2	5.0	4.5
DPCV1065L 150A	15 \pm 20%	36.4	4.5	3.5
DPCV1065L 220A	22 \pm 20%	54.4	3.5	2.9
DPCV1065L 330B	33 \pm 20%	71.3	3.0	1.9
DPCV1065L 470B	47 \pm 20%	99.8	2.5	1.6
DPCV1065L 680B	68 \pm 20%	128.0	2.0	1.3
DPCV1065L 101B	100 \pm 20%	203.5	1.5	1.1
DPCV1065L 151B	150 \pm 20%	326.0	1.2	0.8
DPCV1065L 221B	220 \pm 20%	414.1	1.0	0.7
DPCV1065L 331B	330 \pm 20%	691.2	0.8	0.6
DPCV1065L 471B	470 \pm 20%	987.5	0.7	0.5

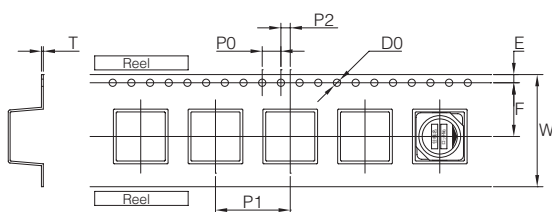
*1 T=30K rise at rated current. *2 Inductance drop 35% at 125°C. ●Operating temperature range: -40 to +150°C (Include self temperature rise), AEC-Q200 Compliant.



- All specifications in this catalog and production status of products are subject to change without notice. Prior to the purchase, please contact NEC TOKIN for updated product data.
- Please request for a specification sheet for detailed product data prior to the purchase.
- Before using the product in this catalog, please read "Precautions" and other safety precautions listed in the printed version catalog.



Dimensions of indented square hole plastic tape



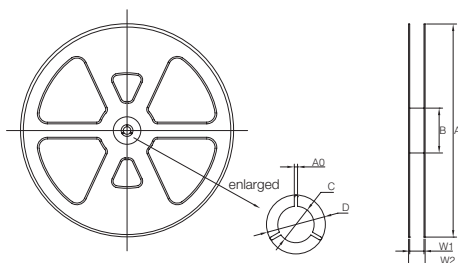
DPCV0760 Series

[mm]							
W	F	E	P1	P2	P0	D0	T
±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
16.0	7.5	1.75	12.0	2.0	4.0	Φ1.55	0.4

DPCV1065 Series

[mm]							
W	F	E	P1	P2	P0	D0	T
±0.3	±0.1	±0.1	±0.1	±0.1	±0.1	±0.05	±0.05
24.0	11.5	1.75	16.0	2.0	4.0	Φ1.55	0.4

Reel dimensions



DPCV0760 Series (1000pcs./reel)

[mm]						
A	B	C	D	A0	W1	W2
±2.0	±1.0	±0.2	±0.2	±0.2	-	-
Φ380	Φ80	Φ13	Φ21	2.3	17.5	21.5

DPCV1065 Series (800pcs./reel)

[mm]						
A	B	C	D	A0	W1	W2
±2.0	±1.0	±0.2	±0.2	±0.2	-	-
Φ380	Φ80	Φ13	Φ21	2.3	25.5	29.5

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Precautions



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- This catalog is current as of March 2014.

For inquiry, Please call Sales & Marketing Department (Japan)

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[>>KEMET\(基美\)](#)