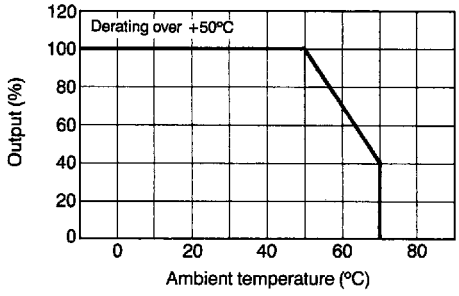
TEMPERATURE RANGE

(°C)

Series	Operating	Storage
CBN, CBK, CBM, CAP, CHG, CBG	−10 to +70	−20 to +85

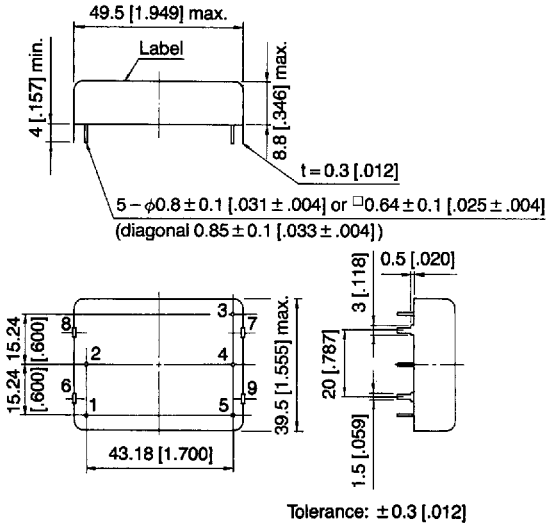
• *Humidity: 95% max. (maximum wet-bulb temperature: 38°C)*

DERATING CURVE

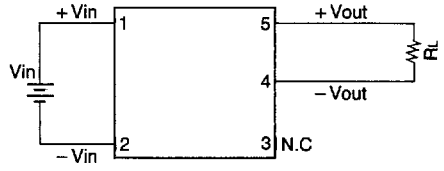


Series	Shapes and dimensions (mm) [inches]	Connections	Weight (g)	Fig.
CBN			30	8
CBK			12	9

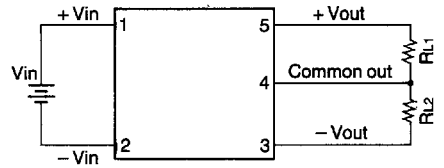
CBN



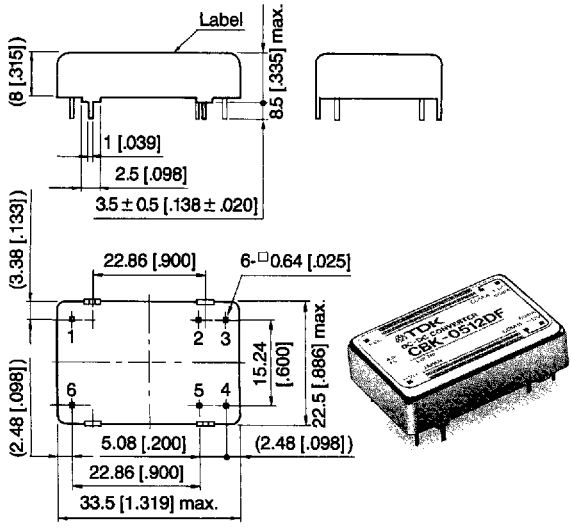
Single output type



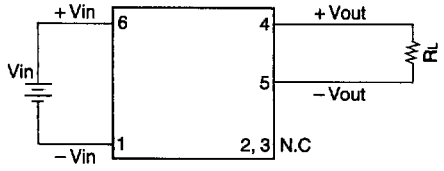
Dual output type



CBK



Single output type



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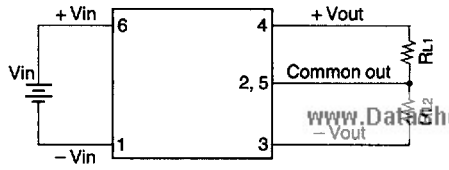
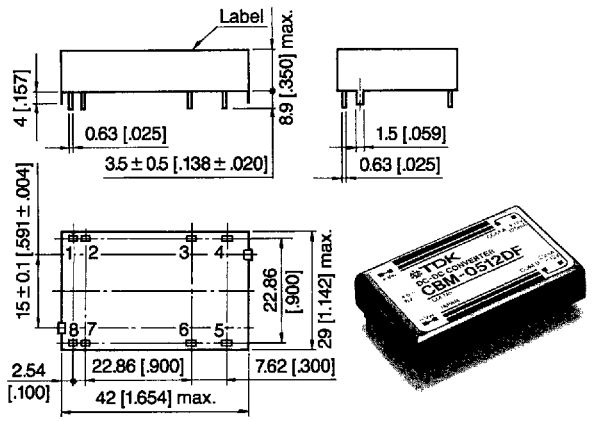
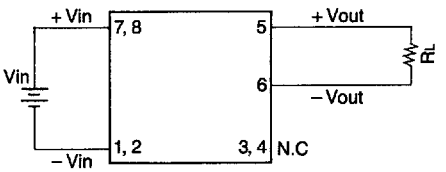


Series	Shapes and dimensions (mm) [inches]	Connections	Weight (g)	Fig.
CBM			20	10

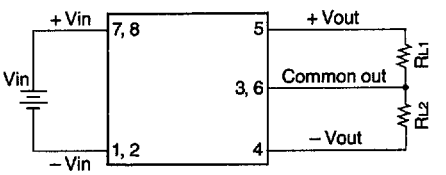


Tolerance: ±0.3 [.012]

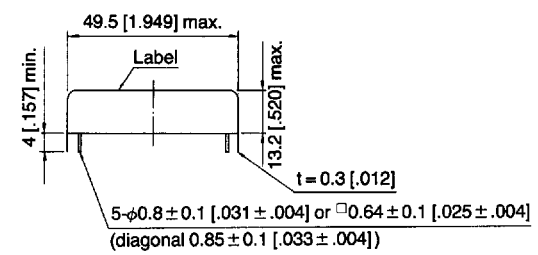
Single output type

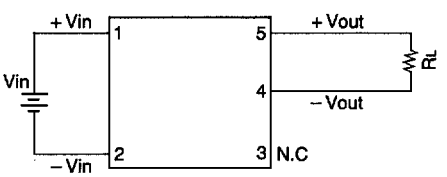


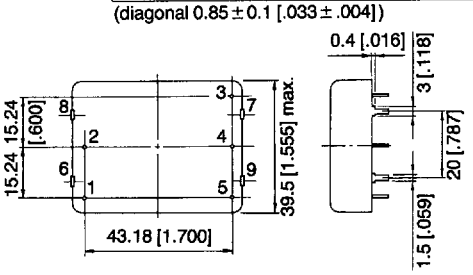
Dual output type

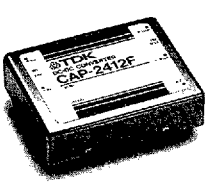


CAP			42	11



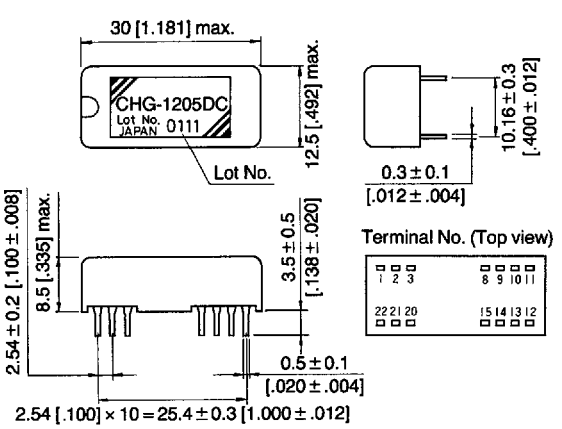


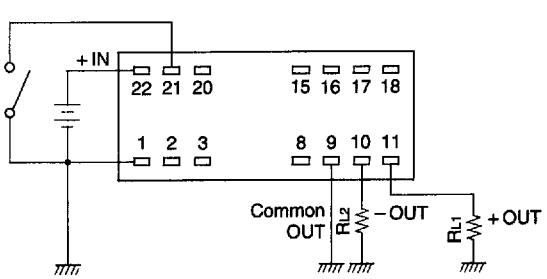




Tolerance: ±0.3 [.012]

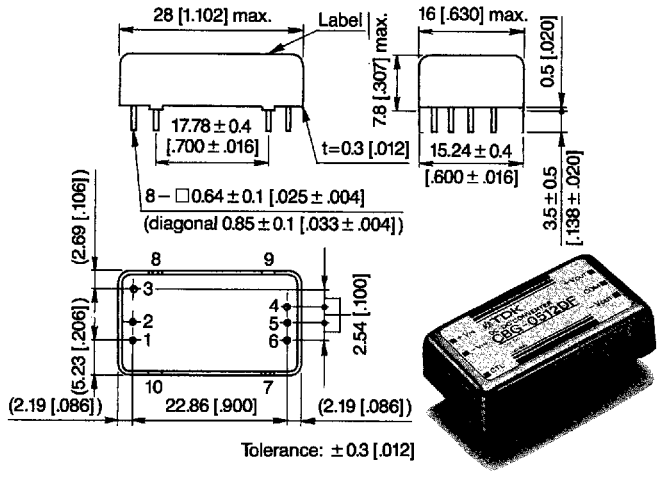
CHG			4	12



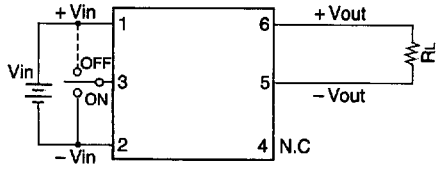


Power Converters

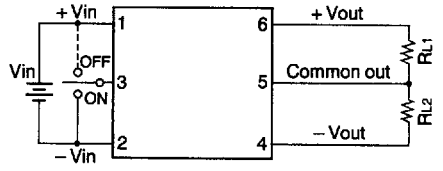
Series	Shapes and dimensions (mm) [inches]	Connections	Weight (g)	Fig.
CBG			8	13



Single output type



Dual output type



Series	Maximum output power (W)	Input voltage (Vdc)	Output voltage (Vdc)	Output current (mA)	Features	Fig.
CBN	5	4.5 to 6	5 ± 5%	0 to 1000	• Completely shielded package. • High output voltage stability. • Floating input and output. • External components are unnecessary. • Short circuit protection.	8
			12 ± 5%	0 to 420		
			15 ± 5%	0 to 340		
			± 12 ± 5%	(42 to 210) × 2		
			± 15 ± 5%	(34 to 170) × 2		
CBK	1.5	4.5 to 6	5 ± 5%	0 to 250	• Completely shielded package. • High output voltage stability. • Floating input and output. • External components are unnecessary. • Short circuit protection.	9
			12 ± 5%	0 to 125		
			15 ± 5%	0 to 100		
			± 12 ± 5%	(12 to 60) × 2		
			± 15 ± 5%	(10 to 50) × 2		
		10 to 16	5 ± 5%	0 to 300		
			12 ± 5%	0 to 125		
			15 ± 5%	0 to 100		
			± 12 ± 5%	(12 to 60) × 2		
			± 15 ± 5%	(10 to 50) × 2		
		20 to 30	5 ± 5%	0 to 300		
			12 ± 5%	0 to 125		
			15 ± 5%	0 to 100		
			± 12 ± 5%	(12 to 60) × 2		
			± 15 ± 5%	(10 to 50) × 2		

Power Converters

Series	Maximum output power (W)	Input voltage (Vdc)	Output voltage (Vdc)	Output current (mA)	Features	Fig.
CBM	3	4.5 to 6	5±5%	0 to 600	• Completely shielded package. • High output voltage stability. • Floating input and output. • External components are unnecessary. • Short circuit protection.	10
			12±5%	0 to 250		
			15±5%	0 to 200		
			±12±5%	(25 to 125) × 2		
			±15±5%	(25 to 100) × 2		
		10 to 16	5±5%	0 to 600		
			12±5%	0 to 250		
			15±5%	0 to 200		
			±12±5%	(25 to 125) × 2		
			±15±5%	(20 to 100) × 2		
		20 to 30	5±5%	0 to 600		
			12±5%	0 to 250		
			15±5%	0 to 200		
			±12±5%	(25 to 125) × 2		
			±15±5%	(20 to 100) × 2		
		36 to 56	5±5%	0 to 600		
			12±5%	0 to 250		
			15±5%	0 to 200		
			±12±5%	(25 to 125) × 2		
			±15±5%	(20 to 100) × 2		
CAP	8 to 10	18 to 28	5±5%	0 to 1600	• Completely shielded package. • High output voltage stability. • Floating input and output. • External components are unnecessary. • Short circuit protection.	11
			12±5%	0 to 800		
		36 to 56	5±5%	0 to 1600		
			12±5%	0 to 800		
CHG	0.8	4.5 to 9 7 to 16	5±5%	16 to 160	• Completely molded. • External components are unnecessary. • Wide input voltage range. • Remote control function.	12
			12±5%	6 to 66		
			15±5%	5 to 52		
			−5±5%	16 to 160		
			−12±5%	6 to 66		
			−15±5%	5 to 52		
			±5±5%	(8 to 80) × 2		
			±12±5%	(3 to 33) × 2		
			±15±5%	(3 to 26) × 2		
CBG	0.8	4.5 to 6	5±5%	0 to 160	• Completely shielded package. • High output voltage stability. • Floating input and output. • External components are unnecessary. • Short circuit protection. • Remote control function.	13
			12±5%	0 to 66		
			±12±8%	(0 to 33) × 2		