CT Series

1.5-10 WATTS SINGLE OUTPUT DC/DC INDUSTRIAL

Features

- **Single output with centertap**
- **Dual polarity high voltage modules**
- **Low ripple**
- **Low EMI/RFI**

Specifications

INPUT	
Voltage	See table.
OUTPUT	
Power	1.5W, 3W and 10W.
Voltage range	±50VDC to ±6000VDC.
Current	See table.
Ripple	See table.
GENERAL	
Dimensions	See drawings.
Weight	Case A & B: 42g. Case C & D : 85g. Case E & F: 113g.
Packaging	Epoxy encapsulated.
Case material	Case A, B, C & D: Glass-filled epoxy. Case E & F: Aluminum.
OPTIONS	
External mounting box	Consult your local Powerbox office.
Mounting holes	

PIN#	FUNCTION
1	(+)Input
2	(–)Input
3	(+)Output
4	(–)Output
5	Output center tap

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Selection Table

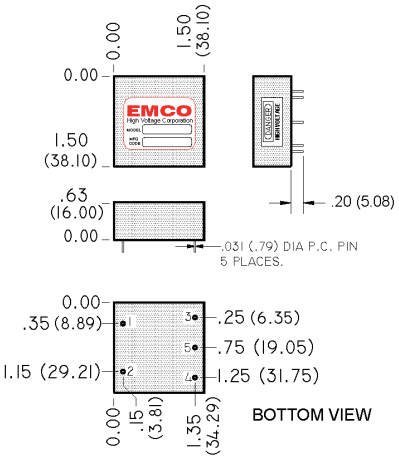
MODEL NUMBER	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT VOLTAGE	INPUT CURRENT (NO LOAD)	INPUT CURRENT (FULL LOAD)	RIPPLE	CASE	POWER
G01CT	0 to ±50V	15mA	0 to 12V	<100mA	250mA	1.75%	A	1.5W
G02CT	0 to ±100V	7.5mA	0 to 12V	<100A	250mA	0.75%	A	1.5W
G03CT	0 to ±150V	5mA	0 to 12V	<100A	250mA	0.75%	A	1.5W
G04CT	0 to ±200V	3.75mA	0 to 12V	<100A	250mA	0.1%	A	1.5W
G05CT	0 to ±250V	3mA	0 to 12V	<100mA	250mA	0.025%	A	1.5W
G06CT	0 to ±300V	2.5mA	0 to 12V	<100mA	250mA	0.1%	A	1.5W
G10CT	0 to ±500V	1.5mA	0 to 12V	<100mA	250mA	0.1%	A	1.5W
G12CT	0 to ±600V	1.25mA	0 to 12V	<150mA	250mA	0.1%	A	1.5W
G15CT	0 to ±750V	1mA	0 to 12V	<125mA	250mA	0.5%	A	1.5W
G20CT	0 to ±1000V	0.75mA	0 to 12V	<165mA	250mA	0.5%	A	1.5W
G25CT	0 to ±1250V	0.6mA	0 to 12V	<125mA	250mA	1%	B	1.5W
G30CT	0 to ±1500V	0.5mA	0 to 12V	<125mA	250mA	1%	B	1.5W
G40CT	0 to ±2000V	0.37mA	0 to 12V	<125mA	250mA	1%	B	1.5W
G50CT	0 to ±2500V	0.3mA	0 to 12V	<125mA	250mA	2%	B	1.5W
G60CT	0 to ±3000V	0.25mA	0 to 12V	<125mA	250mA	2%	B	1.5W
E01CT	0 to ±50V	30mA	0 to 12V	<175mA	425mA	1.5%	C	3W
E02CT	0 to ±100V	15mA	0 to 12V	<125mA	400mA	0.25%	C	3W
E03CT	0 to ±150V	10mA	0 to 12V	<125mA	400mA	0.1%	C	3W
E05CT	0 to ±250V	6mA	0 to 12V	<150mA	400mA	0.02%	C	3W
E06CT	0 to ±300V	5mA	0 to 12V	<175mA	400mA	0.1%	C	3W
E08-5CT	0 to ±375V	4mA	0 to 12V	<125mA	400mA	0.02%	C	3W
E10CT	0 to ±500V	3mA	0 to 12V	<125mA	400mA	0.03%	C	3W
E12CT	0 to ±600V	2.5mA	0 to 12V	<125mA	400mA	0.02%	C	3W
E15CT	0 to ±750V	2mA	0 to 12V	<150mA	400mA	0.03%	C	3W
E20CT	0 to ±1000V	1.5mA	0 to 12V	<175mA	425mA	0.25%	C	3W
E30CT	0 to ±1500V	1mA	0 to 15V	<175mA	350mA	0.25%	C	3W
E40CT	0 to ±2000V	0.75mA	0 to 15V	<175mA	350mA	0.50%	C	3W
E50CT	0 to ±2500V	0.6mA	0 to 15V	<175mA	350mA	0.50%	C	3W
E60CT	0 to ±3000V	0.5mA	0 to 15V	<175mA	350mA	0.50%	C	3W
E70CT	0 to ±3500V	0.429mA	0 to 15V	<175mA	350mA	1.00%	D	3W
E80CT	0 to ±4000V	0.25mA	0 to 15V	<175mA	300mA	1.00%	D	3W
E101CT	0 to ±5000V	0.2mA	0 to 15V	<175mA	300mA	1.50%	D	3W
E121CT	0 to ±6000V	0.16mA	0 to 15V	<175mA	300mA	1.50%	D	3W
F01CT	0 to ±50V	100mA	0 to 12V	<500mA	1.75A	1%	E	10W
F02CT	0 to ±100V	50mA	0 to 12V	<500mA	1.5A	1%	E	10W
F03CT	0 to ±150V	33.3mA	0 to 12V	<500mA	1.5A	1%	E	10W
F04CT	0 to ±200V	25mA	0 to 12V	<500mA	1.5A	1%	E	10W
F05CT	0 to ±250V	20mA	0 to 12V	<500mA	1.5A	0.1%	E	10W
F06CT	0 to ±300V	16mA	0 to 12V	<500mA	1.5A	0.1%	E	10W
F08CT	0 to ±400V	12.5mA	0 to 12V	<500mA	1.5A	0.1%	E	10W
F10CT	0 to ±500V	10mA	0 to 12V	<500mA	1.5A	0.1%	E	10W
F12CT	0 to ±600V	8.33mA	0 to 12V	<500mA	1.5A	0.1%	E	10W
F15CT	0 to ±750V	6.6mA	0 to 12V	<500mA	1.5A	0.1%	E	10W
F20CT	0 to ±1000V	5mA	0 to 12V	<500mA	1.5A	1%	E	10W
F30CT	0 to ±1500V	3.3mA	0 to 15V	<500mA	1.5A	1%	E	10W
F40CT	0 to ±2000V	2.5mA	0 to 15V	<500mA	1.5A	1%	E	10W
F50CT	0 to ±2500V	2mA	0 to 15V	<500mA	1.5A	1%	E	10W
F60CT	0 to ±3000V	1.66mA	0 to 15V	<500mA	1.5A	1%	E	10W
F80CT	0 to ±4000V	1.25mA	0 to 15V	<500mA	1.5A	5%	F	10W
F101CT	0 to ±5000V	1mA	0 to 15V	<500mA	1.5A	5%	F	10W
F121CT	0 to ±6000V	.834mA	0 to 15V	<500mA	1.5A	5%	F	10W

CT Series

1.5-10W SINGLE OUTPUT DC/DC INDUSTRIAL

CASE A

G01CT THRU G20CT

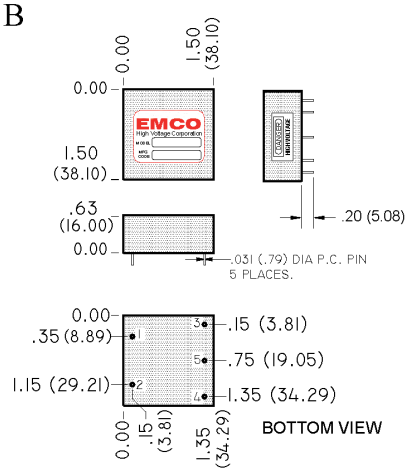


WEIGHT: 1.5 oz. Approx. (42grams)
PACKAGING: Epoxy Encapsulated
CASE MATERIAL: Glass-filled epoxy

AVAILABLE OPTIONS
AB-External Mounting Box

CASE B

G25CT THRU G60CT



WEIGHT: 1.5 oz. Approx.(42grams)
PACKAGING: Epoxy Encapsulated
CASE MATERIAL: Glass-filled epoxy

AVAILABLE OPTIONS
AB-External Mounting Box

CASE C

E01CT THRU E60CT

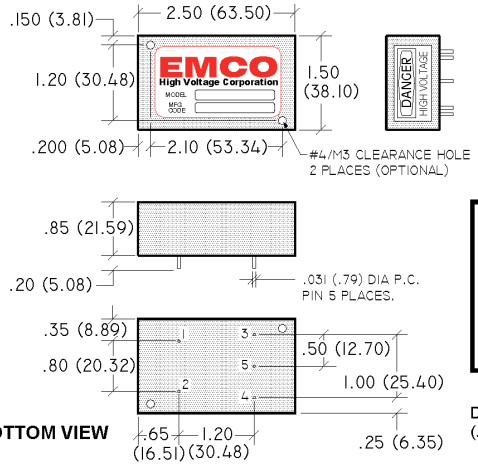


TABLE APPLIES TO ALL CASES

PIN #	FUNCTION
1	(+) Input
2	(-) Input
3	(+) Output
4	(-) Output
5	Output Center Tap

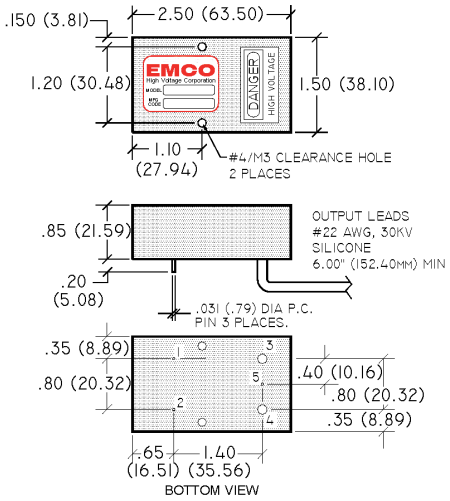
Dimensions are in Inches
Dimensional Tolerances: ± .03 (.76mm)

WEIGHT:3 oz. Approx.(85grams)
PACKAGING: Epoxy Encapsulated
CASE MATERIAL: Glass- filled Epoxy

AVAILABLE OPTIONS
AB-External Mounting Box
H-Mounting Holes

CASE D

E70CT THRU E121CT

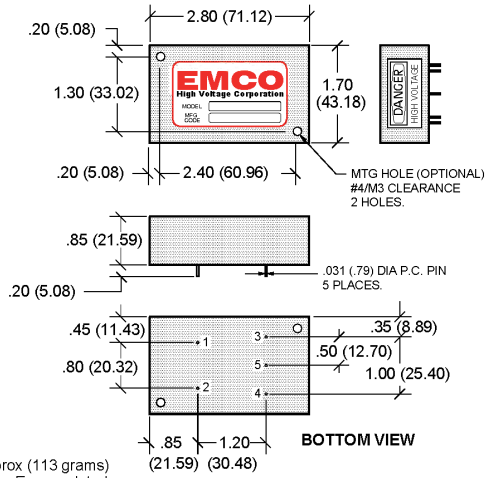


WEIGHT:3 oz. Approx.(85grams)
PACKAGING: Epoxy Encapsulated
CASE MATERIAL: Glass- filled Epoxy

AVAILABLE OPTIONS
AB-External Mounting Box

CASE E

F01CT THRU F60CT

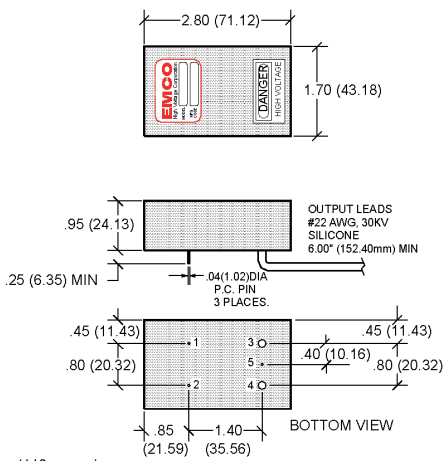


WEIGHT: 4 oz. Approx (113 grams)
PACKAGING: Epoxy Encapsulated
CASE MATERIAL: Aluminum

AVAILABLE OPTIONS
H-Mounting Holes

CASE F

F80CT THRU F121CT



WEIGHT: 4 oz. Approx(113 grams)
PACKAGING: Epoxy Encapsulated
CASE MATERIAL: Aluminum

We reserve the right to make changes without notification