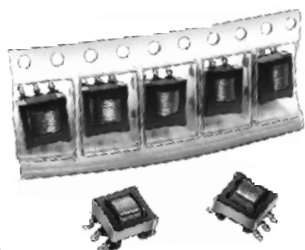




TCV5

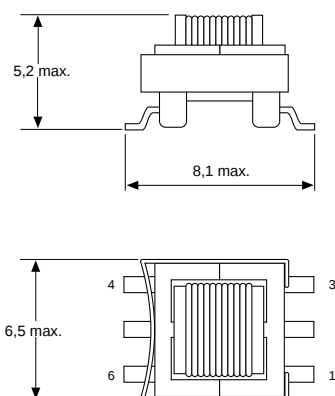
microconverter transformers

SURFACE MOUNTING

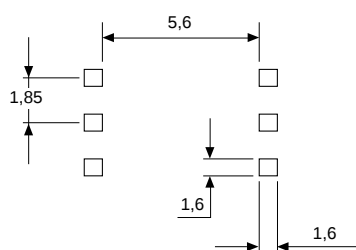


Adding up one or more secondary to the basic inductor TCV5 allows build up of flyback transformers for microconverters with a power of 0,5 W . Tape and reel packaging allows automatic pick and place.

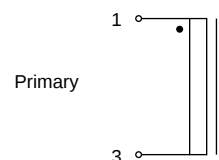
DIMENSIONS



RECOMMENDED SOLDERING PAD



ELECTRICAL DIAGRAM



SPECIFICATIONS

MECHANICAL

FERRITE... E 5
CASE... SMD frame
CONFIGURATION... 6 pins 1,85 mm pitch

CLIMATIC

WORKING TEMPERATURE
RANGE... -20°C +80°C

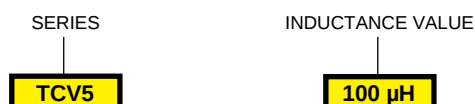
MARKING

Printed in clear: manufacturer, series, value, manufacturing date (code).

PACKING

500 pieces per reel.
Taped 24 mm width, 12 mm pitch.

ORDERING PROCEDURE



ELECTRICAL

Inductance µH ± 20 %	DCR max. Ω	Saturation * current A	Nominal ** current A
10	0,19	1,5	0,80
15	0,25	1,2	0,75
22	0,38	1,0	0,60
33	0,60	0,9	0,45
47	0,86	0,7	0,40
68	1,32	0,6	0,30
100	2,04	0,5	0,20
150	2,91	0,4	0,19
220	3,48	0,35	0,18
330	5,52	0,30	0,14
470	8,40	0,25	0,11
680	12,48	0,20	0,10
1000	15,48	0,15	0,08

* DC current which create a 20% loss of inductance value.

** DC current which will create a maximum temperature rise of 30°C when applied at 25°C ambient.



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