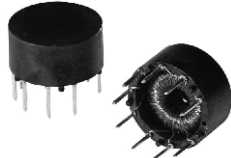


Transformers Converter



FEATURES

- Designed especially for low-power solid state circuits
- Designed for mounting on printed circuit boards
- Miniature size for minimum space
- High conversion efficiency from DC input to filtered DC output



RoHS
COMPLIANT

STANDARD ELECTRICAL SPECIFICATIONS						
MODEL	INPUT	OUTPUT	FREQ. REF. (kHz)	CIRCUIT EFF.	TEST CIRCUIT	SCHEMATIC NUMBER
TC-10-01B	3.6 VDC	+ 7.2 ± 0.2 VDC at 150 MW - 7.2 ± 0.2 VDC at 150 MW	7.5	50 %	1	1
TC-10-02B	5 VDC	200 ± 10 VDC at 250 MW	11	50 %	2*	4
TC-10-03B	5 VDC	200 ± 10 VDC at 250 MW + 15 ± 0.4 VDC at 125 MW - 15 ± 0.4 VDC at 125 MW	11	60 %	2	2
TC-10-04B	5 VDC	+ 15 ± 0.4 VDC at 500 MW - 15 ± 0.4 VDC at 500 MW	8	75 %	3	1
TC-10-05B	5 VDC	+ 170 ± 5.1 VDC at 850 MW + 32 ± 1.0 VDC at 510 MW	11	75 %	4	5
TC-10-06B	5 VDC	+ 35 ± 1.0 VDC at 610 MW	11	70 %	4*	5*
TC-10-07B	7.5 VDC	16.3 ± 0.4 VDC at 330 MW	7	65 %	5	1
TC-10-08B	12 VDC	± 15 ± 0.4 VDC at 1 W	7.5	72 %	3	1
TC-10-09B	12 VDC	160 ± 5 VDC at 1.5 W	10	75 %	6	3
TC-10-10B	12 VDC	14.2 ± 0.7 VDC at 3 W	10	70 %	5	1
TC-10-11B	12 VDC	+ 24 ± 0.5 VDC at 2 W	10	80 %	5	1
TC-10-12B	24 VDC	170 ± 5.1 VDC at 850 MW 32 ± 1.0 VDC at 510 MW	11	70 %	4	5

APPLICATIONS

Power supply for gas discharge display, battery-operated portable instruments, operational amplifier power supplies.

ELECTRICAL SPECIFICATIONS

Transformer Power Rating: 3 watt
Isolation, Primary-Secondary: 500 V 60 Hz. Operating characteristics may be varied to suit specific applications by appropriate selection of circuit components.

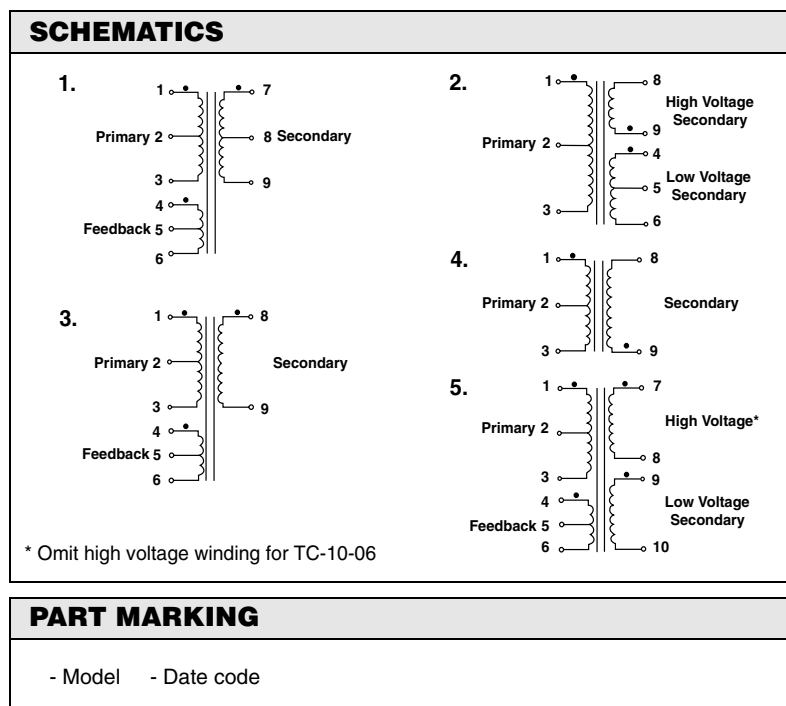
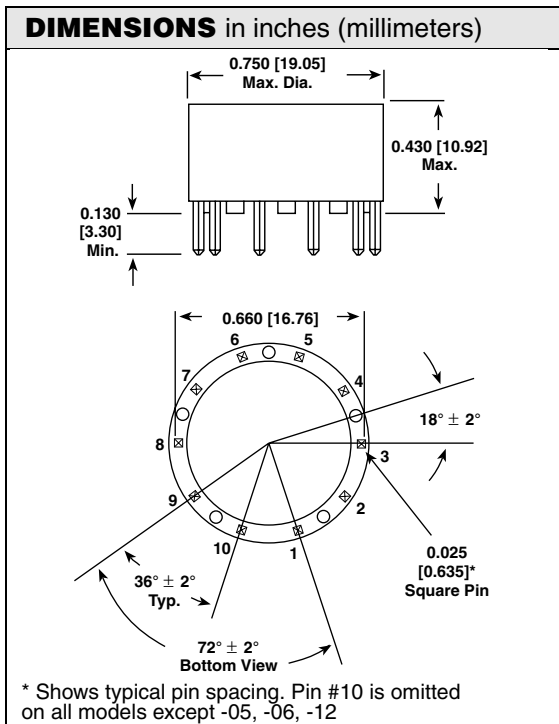
OPERATING TEMPERATURE RANGE:

- 20 °C to + 80 °C. Intended for use in enclosed commercial and industrial applications.

MECHANICAL SPECIFICATIONS

Coil: Secured to bottom of case with epoxy
Terminals: 0.025" [0.635 mm] square, solder plated

* Specifications relate to transformer when operated in applicable test circuit and at specified load power.





ORDERING INFORMATION

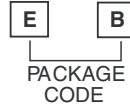
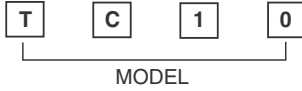
TC-10
MODEL

-01B
DASH NUMBER

EB
PACKAGE CODE

e2
JEDEC LEAD (Pb)-FREE STANDARD

GLOBAL PART NUMBER





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