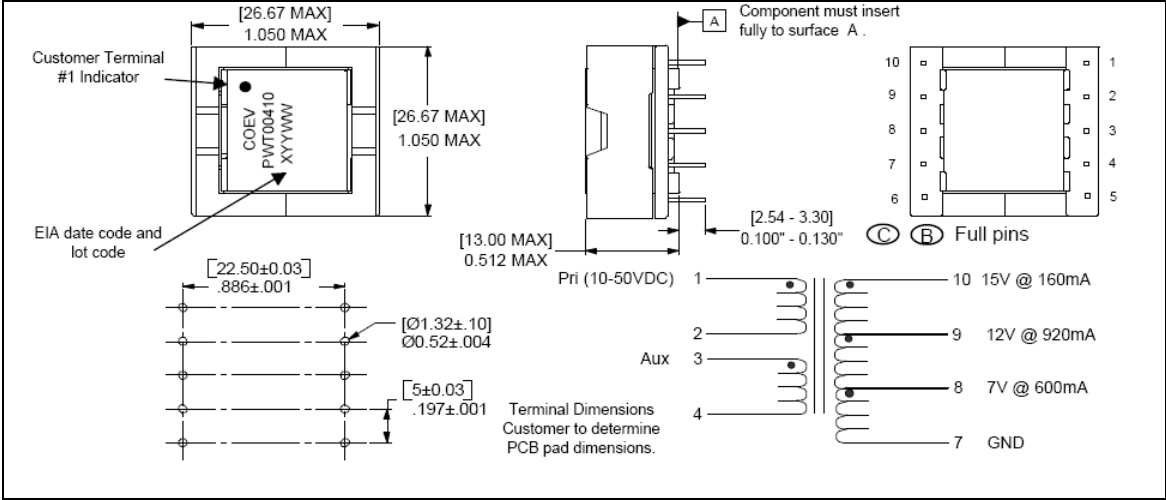


MGPWT-00410-P	REV	
1879564-1	BA	

Product Description **200kHz Discontinuous Mode Flyback Transformer**
10-50VDC Input: 15V @ 160mA / 12V @ 920mA / 7V @ 600mA
Outputs



Primary Units are in inches millimetres in brackets

Electrical Specifications at +20°C unless noted otherwise

Test	Limits	Unit	Tol	Notes
Inductance	4.00	µH	±10%	1-2, 200kHz, 150mVAC, Ls.
Leakage Inductance	0.30	µH	Max.	1-2 tie(3+4+7+8+9+10), 200kHz, 10mAAC, Ls.
DC Resistance	0.038	Ω	Max.	Pins 1 - 2
DC Resistance	0.065	Ω	Max.	Pins 10 - 9
DC Resistance	0.049	Ω	Max.	Pins 9 - 8
DC Resistance	0.033	Ω	Max.	Pins 8 - 7
DC Resistance	0.617	Ω	Max.	Pins 3 - 4
Turns Ratio	1.20 : 1.00	--	±3%	(1-2) : (10-9), 100kHz, 100mVAC.
Turns Ratio	1.50 : 1.00	--	±3%	(1-2) : (9-8), 100kHz, 100mVAC.
Turns Ratio	1.00 : 1.00	--	±3%	(1-2) : (8-7), 100kHz, 100mVAC.
Turns Ratio	0.46 : 1.00	--	±3%	(1-2) : (3-4), 100kHz, 100mVAC.
Dielectric	1650	VAC	500µA	1-10 tie(2+3), 1 second test, 500µA maximum leakage current.
Dielectric	300	VAC	500µA	1-3, 1 second test, 500µA maximum leakage current.
Interwinding Capacitance	40.00	pF	Max.	1-10 tie(1+2, 10+7), 200kHz, 100mVAC, Cs.
Interwinding Capacitance	40.00	pF	Max.	1-9 tie(1+2, 9+7), 200kHz, 100mVAC, Cs.
Interwinding Capacitance	40.00	pF	Max.	1-8 tie(1+2, 8+7), 200kHz, 100mVAC, Cs.

Terminal plating is Hot Dipped SnAgCu over Ni
265°C Maximum wave solder temperature per J-STD-020
Operating Temperature Range: -40°C to +85°C



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Specifications subject to change without notice. For latest revision visit <http://www.tycoelectronics.com>