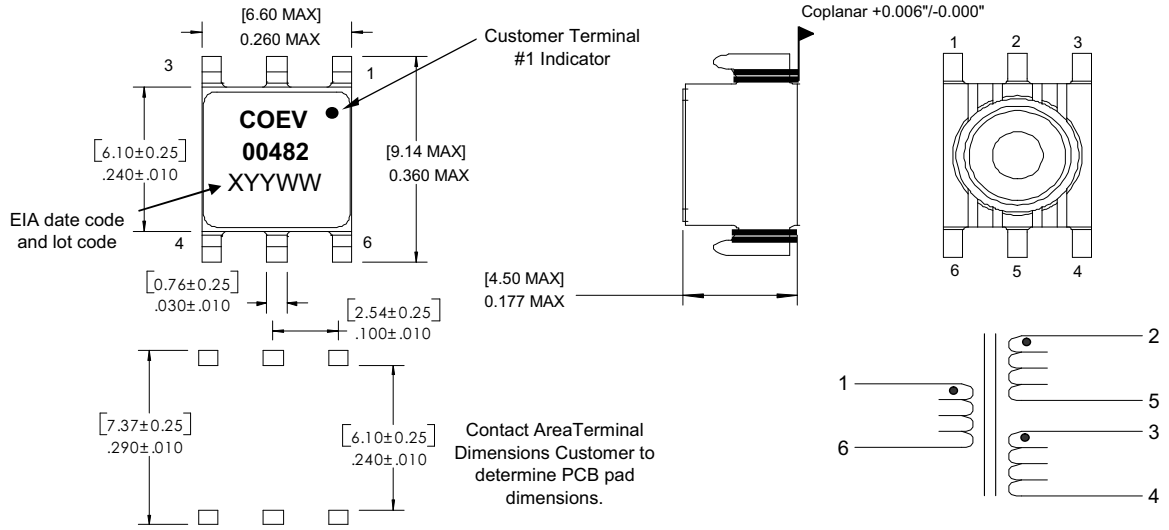
MGPWT-00482	REV C	tyco Electronics	COEV MAGNETICS

Product Description	SMD Gate drive transformer, toroid core 1.24mH



Informaton subject to change without notice. | Primary units are in inches. Millimeters are in brackets.

Electrical Specifications at +20°C unless noted otherwise

Test Description	*Limit*	*Units*	*Tol*	*Notes*
Inductance	1.240	mH	±30%	1-6, 100kHz, 100mVAC, Ls.
Leakage Inductance	0.300	µH	Max.	1-6 tie(2+3+4+5), 100kHz, 100mVAC, Ls.
DC Resistance	1.50	Ω	Max.	1-6
DC Resistance	1.50	Ω	Max.	2-5
DC Resistance	1.50	Ω	Max.	3-4
Turns Ratio	1.00 : 1.00	---	±2%	(1-6) : (2-5), 10kHz, 100mVAC.
Turns Ratio	1.00 : 1.00	---	±2%	(1-6) : (3-4), 10kHz, 100mVAC.
Dielectric	1,500	VDC	500µA	1-2 tie(3+5), 1 second test, 500µA maximum leakage current.
Volt-Time product	45.70	V-µS	Max.	Bipolar rating @ 125°C

Meeting class B (130°C) per UL1446 temperature requirement	©
Operating Temperature Range: -20°C to +85°C	©
Terminal Plating is Hot-dipped SnAgCu	
260°C Maximum reflow temperature per J-STD-020	

Pb RoHS Compliant

CoEv reserves the right to vary the color of wire and tape unless otherwise specified.

The information contained in this drawing is the sole property of Tyco Electronics . Any reproduction or use without the written permission of Tyco Electronics is prohibited.

TEL 1-800-468-2023 FAX 1-800-399-0188 Specifications subject to change without notice. For latest revision visit **www.tycoelectronics.com**