

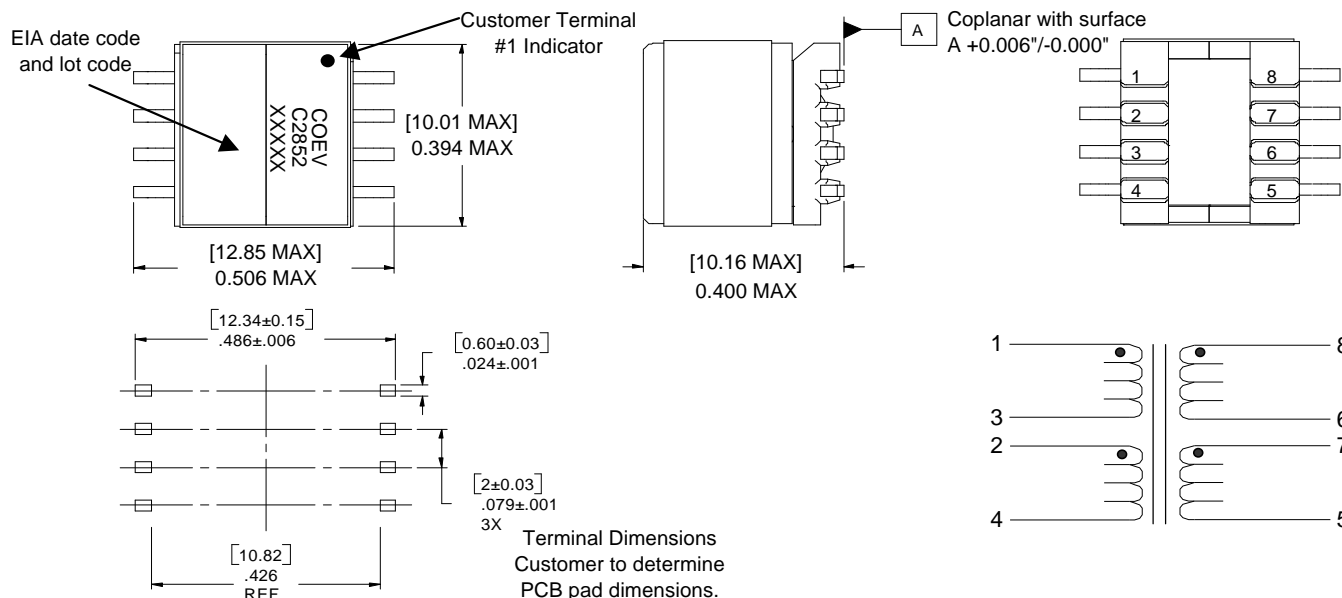
# C2852



tyco Electronics

## Product Description

**ADSL Coupling Transformer, IEC950 Supplementary 250V**  
**850uH, 1:1 (Line : IC), GW CEP 7**



Primary units are in inches. Millimeters are in brackets.

### Electrical Specifications at +20°C unless noted otherwise

Test Description	Limit	Units	Tol	Notes
Inductance	850.00	μH	±5%	1-4 tie( 2+3 ), 10kHz, 100mVAC, Ls.
Leakage Inductance	5.50	μH	Max.	1-4 tie( 2+3,5-8 ), 100kHz, 100mVAC, Ls.
DC Resistance	3.33	Ω	±10%	1-3
DC Resistance	1.40	Ω	±10%	8-6
DC Resistance	4.02	Ω	±10%	2-4
DC Resistance	1.70	Ω	±10%	7-5
Turns Ratio	1.00 : 1.00	---	±1%	( 1-4 ) : ( 8-5 ) tie( 2+3,6+7 ), 10KHz, 100mVAC.
Dielectric	1,875	VAC	500μA	1-8 tie( 2+3,6+7 ), 1 second test, 500μA maximum leakage current.
Total Harmonic Distortion	-90.00	dB	Max.	40kHz, 2.5dB [ 7.07 Vp-p ], Line : IC
Insertion Loss	0.70	dB	Max.	100kHz.
Frequency Response	±0.50	dB	---	30kHz - 1.1MHz, 100kHz Reference.
Longitudinal Balance (ITU)	40.00	dB	Min.	1.1MHz - Hz, Gnd pin 8.

**Patent Pending**

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