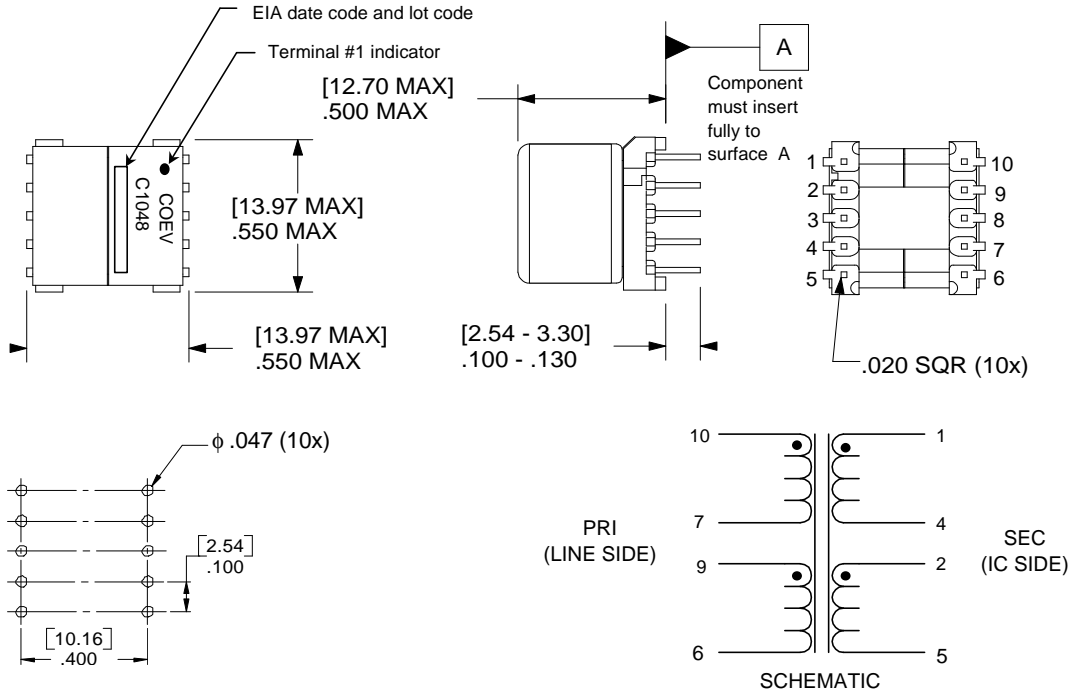


C1048



Product Description

DDS - EP13 - Designed for use with Level One LXT400 and LXT441 Transceiver



Information subject to change without notice. 2/98

Tolerances: Decimals .xx ± .01
Angles ± 0° 30' .xxx ± .005

Primary units are in inches.
Millimeters are in brackets.

Electrical Specifications

Test Description	Limit	Tol	Units	Notes
Primary Inductance:	200	min	mH	1 kHz, 1.0 VAC, Ls, 10-6 tie 7+9
Leakage Inductance:	32.50	± 10.5	µH	10 kHz, 500 mVAC, Ls, 10-6 tie 7+9, 1+5 & 4+2
Interwinding Capacitance:	350	max	pF	10 kHz, 500 mVAC, Cs, 10-1 tie 7+9 & 4+2
Reflects 135 ohms at PRI with SEC loaded with:	120	---	Ω	
"PRI" D.C. Resistance (@ 20° C):	10.25	± 10%	Ω	10-6 (tie 7+9)
"SEC" D.C. Resistance (@ 20° C):	5.00	± 10%	Ω	1-5 (tie 4+2)
Turns Ratio:	1CT : 1	± 1%	---	PRI : SEC
Dielectric Withstand:	1250	---	VRMS	PRI to SEC, 1 second test
Direct Current in Primary:	0	max	mA	
Return Loss:	15	typ	dB	100 Hz - 100 kHz
Return Loss:	32	typ	dB	@ 1 kHz
Insertion Loss (@ 20° C):	1.00	max	dB	@ 10 kHz
Frequency Response:	± 1.00	max	dB	100 Hz - 112 kHz
Longitudinal Balance:	60	min	dB	200 Hz - 1 kHz
Longitudinal Balance:	40	min	dB	1 kHz - 112 kHz
Agency Approvals:				

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