

PULSE TRANSFORMERS S553-3855-01

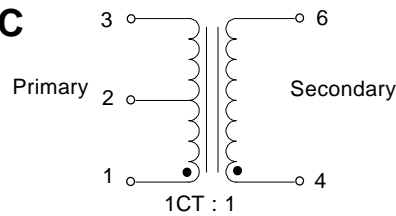
TM0023

Bel takes this opportunity to supply a new Pulse Transformer for Digital Data Service. Our manufacturing processes assure quality and reliability in every component.

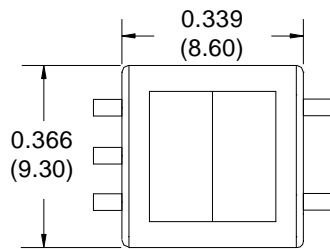
* Designed to work compatibly with the Level One LXT441 Transceiver.

* Designed for SW36 and DDS.

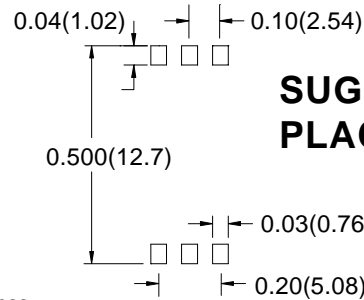
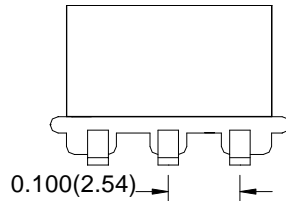
SCHEMATIC



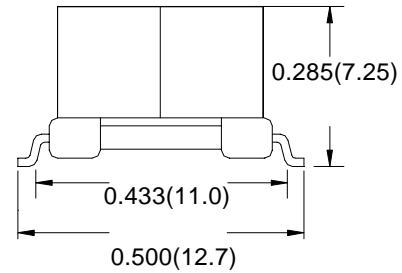
MECHANICALS



All dimensions are in inches(mm). Dimension tolerance is +/- 0.01 unless otherwise stated.



SUGGESTED PLACEMENT



ELECTRICALS @ 25°C

Part Number	Turns Ratio +/- 2%	Primary Inductance (mH) Min	Leakage Inductance (µH) Max	Capacitance (pF) Max	DCR (ohms) +/- 10%	Return Loss (dB) Typ. vs. Line 2	Insertion Loss (dB) Typ.	Frequency Response (dB)
	Pins (3-1):(4-6)	Pins (3-1)	Pins (3-1)	Pins (3 to 4)	Pins (3-1) & Pins (4-6)	1kHz	10kHz	100Hz-112kHz
S553-3855-01	1CT:1	40	40	50	6	32	1.50	+/- 1.0

Part Number	Longitudinal Balance (dB) Typ.			DC Bias Current (mA) Min	Dielectric Strength (VAC)
	60Hz to 1000Hz	1000Hz to 4000Hz	15kHz to 2MHz		
S553-3855-01	60	40	40	50	1500

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