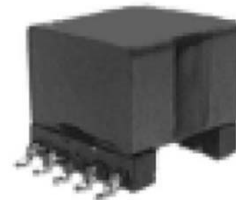


HDSL

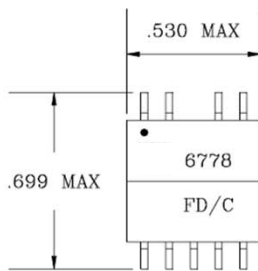
Line Transformer

6778

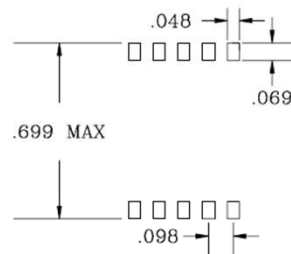
- Complaint with Globespan chip sets
- Designed to reflect 135Ω line side, 8.4Ω IC side
- Extended temperature range -40°C to +85°C



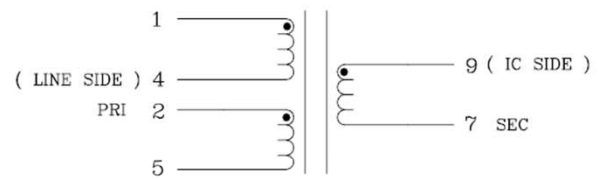
MECHANICAL (All dimensions in inches)



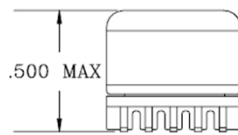
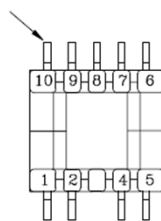
SUGGESTED PAD LAYOUT



SCHEMATIC



.035X.034



ELECTRICAL SPECIFICATION @ 25°C

Part Number	L	L	L _L	DCR ±10%			Turns Ratio ±1%	Hipot	C _{ww}	Return Loss	Insertion Loss	Frequency Response	Longitudinal Balance
	@10kHz, 0DC (mH)	@10kHz, 100mADC (mH)	@100 KHz (μH)	1-4 (Ω)	2-5 (Ω)	9-7 (Ω)	10kHz	VAC	100kHz (pF MAX)	40kHz-500kHz (dB MIN)	@100kHz (dB MAX)	40kHz-1MHz (dB MAX)	40kHz-500kHz (dB MAX)
6778	2.07	2.07	15.00	1.45	1.45	0.45	4 : 1	1,875	65.00	15.00	0.50	±1.00	55.00