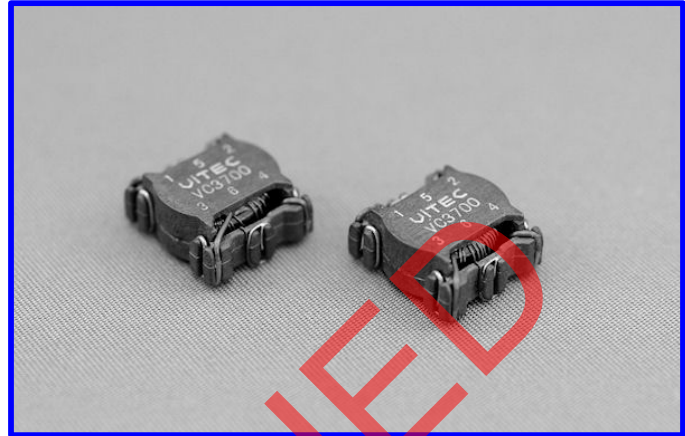


# TYPE VC

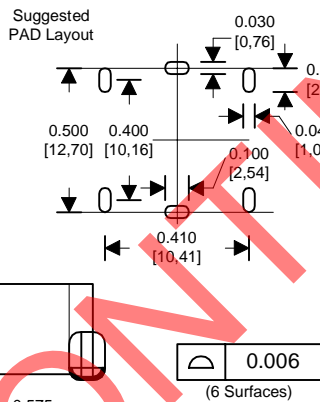
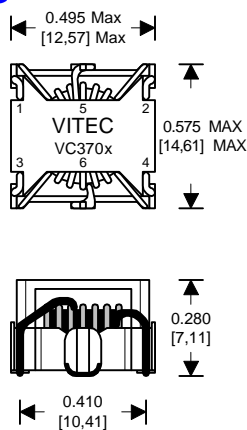
## Surface Mount Current Sense Transformers

### FEATURES

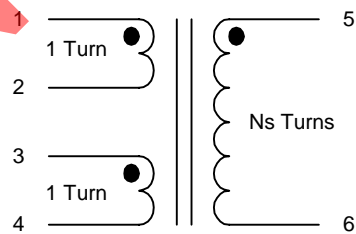
- Designed for Switching Power Supplies.
- Low profile self-leaded design.
- Ideal for IR and vapor reflow soldering.
- Operating temperature: -30°C to +130°C.
- Materials meet flammability requirement of UL94V-0.



### DRAWING



### SCHEMATIC



Drawing not to scale. All dimensions given in inches [mm]. Tolerances unless otherwise specified: .XX±.01 [.X±.25]

### ELECTRICAL CHARACTERISTICS @ +25°C

Part Number		Turns	Rated Current	LP (Pin 5-6)	RT	Droop	DCR (Pin 5-6)	Dielectric Strength
Classic	RoHS	Ns ±5%	Amps NOM	mH MIN	Ohm NOM	% NOM	Ohm MAX	Vrms MIN
VC3700	VCR3700	50	15.3	3.80	25	1.30	0.38	500
VC3701	VCR3701	100	16.3	14.80	50	0.70	0.93	500
VC3702	VCR3702	200	16.4	59.20*	100	0.30	3.90	500

Add an "R" to the part number after "VC" for the RoHS compliant version (i.e. VCR3700 is the RoHS compliant version of VC3700).

Notes: Inductance measured at 10KHz, 20mV.