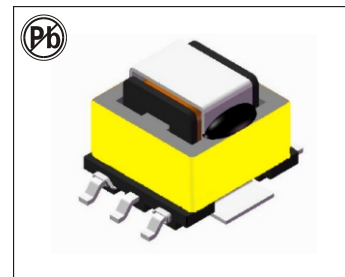


High Frequency Current Transformer

ACSTE8.3 SERIES

APPLICATIONS:

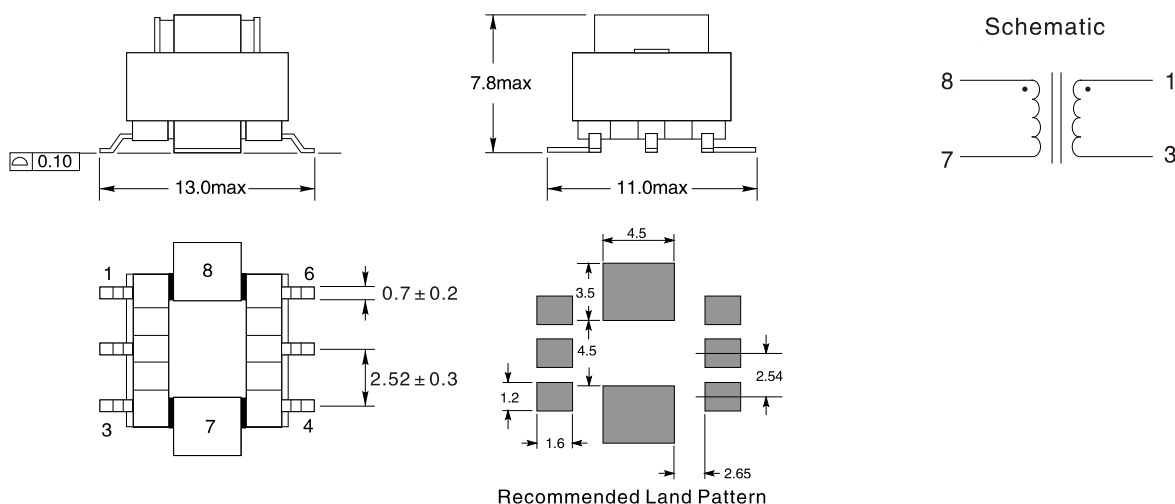
- Power supply for VTRs
- Small surface mount current sensors
- Sensed current up to 30A; Frequency range up to 1MHz
- Very low primary DC resistance
- 1.5KV AC/3mA / 1S isolation (hipot) between windings



ELECTRICAL SPECIFICATIONS: @25°C

Part No.	Turns ratio	Ls (mH, Min) 100KHz, 0.1V	Rp (Ω, Max)	Rs (Ω, Max)	Sensed Current (A)
ACSTE8.3-200	1:20	0.22	0.0039	0.21	30
ACSTE8.3-300	1:30	0.5	0.0039	0.32	30
ACSTE8.3-400	1:40	0.88	0.0039	0.50	30
ACSTE8.3-500	1:50	1.4	0.0039	0.65	30
ACSTE8.3-600	1:60	2.0	0.0039	0.81	30
ACSTE8.3-700	1:70	2.7	0.0039	1.0	30
ACSTE8.3-800	1:80	3.5	0.0039	1.3	30
ACSTE8.3-101	1:100	5.6	0.0039	2.0	30
ACSTE8.3-121	1:125	8.7	0.0039	5.2	30
ACSTE8.3-151	1:150	12.6	0.0039	6.5	30
ACSTE8.3-201	1:200	22.0	0.0039	8.0	30

MECHANICAL: Unit:mm



- 1.Primary current of 30 A causes less than 35°C temperature rise from 25°C ambient. Higher current causes a greater temperature rise
- 2.Operating temperature : -40°C to 125°C
- 3.Storage temperature Component: -40°C to +125°C
- 4.Tape and reel packaging: -40°C to +80°C
- 5.Moisture sensitivity level(MSL) 1 (Unlimited floor life at <30deg /85% relative humidity)
- 6.Inductance measured between secondary pins at 100kHz, 0.1 Vrms, 0 Adc
- 7.Frequency range up to 1MHz
- 8.Inductance measured at 0Adc on HP 4284A LCR Meter or equivalent
- 9.DCR measured on Chroma 16502 micro-ohmmeter or equivalent
- 10.PCB washing tested to MIL-STD-202 Method 215 plus an additional aqueous wash

Specifications subject to change without notice

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