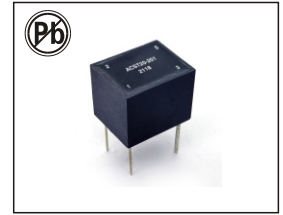


# CURRENT SENSE TRANSFORMERS

## ACST20 SERIES



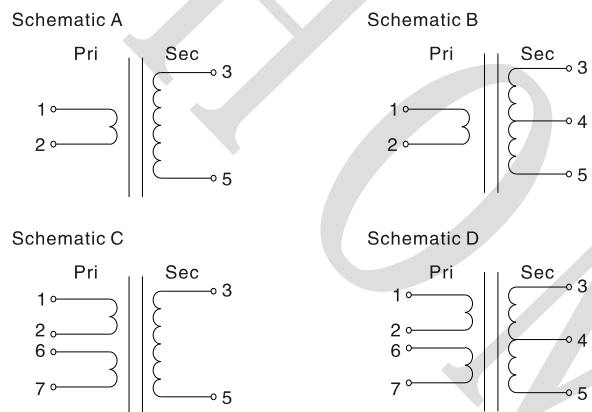
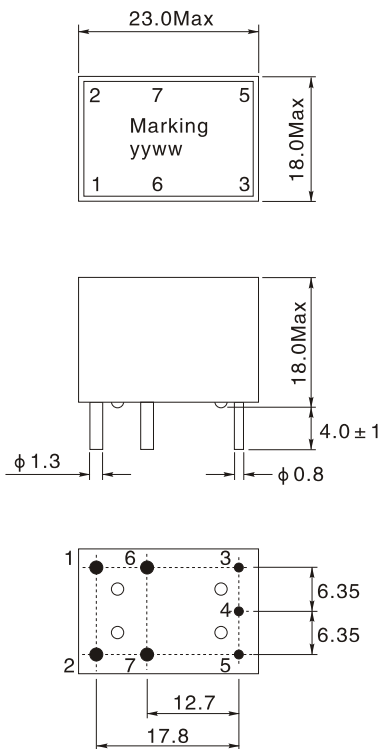
### FEATURES:

- Meets requirements of IEC 950 and VDE norms  
UL94V-0 recognized materials
- Operating frequency range from 20KHz to 200KHz
- Epoxy encapsulated construction

### ELECTRICAL CHARACTERISTICS@25°C

Part Number	Turns ratio	Sec inductance (mH)Min.	Sec DCR (Ω)Max	Isec ① Max	Volt uS ② Max	winding
ACST20-500	1:50	5	0.65	300mA	175	A
ACST20-101	1:100	20	1.3	150mA	350	A
ACST20-201	1:200	80	4.5	75mA	700	A
ACST20-500CT	1:50CT	5	0.65	300mA	175	B
ACST20-101CT	1:100CT	20	1.3	150mA	350	B
ACST20-201CT	1:200CT	80	4.5	75mA	700	B
ACST20A-500	1:1:50	5	0.65	300mA	175	C
ACST20A-101	1:1:100	20	1.3	150mA	350	C
ACST20A-201	1:1:200	80	4.5	75mA	700	C
ACST20A-500CT	1:1:50CT	5	0.65	300mA	175	D
ACST20A-101CT	1:1:100CT	20	1.3	150mA	350	D
ACST20A-201CT	1:1:200CT	80	4.5	75mA	700	D

### PHYSICAL CHARACTERISTICS & WINDING



- Notes**
1. Isec value corresponds to a maximum primary current of 15 Amp-turns rms
  2.  $VuS = R_t \times I_s \times f$
  3. Secondary inductance tested at 10KHz and 10mV
  4. Ambient temperature range: -40°C to +120°C.
  5. Electrical specifications at 25°C.
  6. Pin# 4 is on Center-Tapped (CT) versions only
  7. Pin#6, #7 is on ACST20A versions only