

Current Sensor 20 mm Toroid (CST020-01 Digital Series)

POWER MAGNETICS

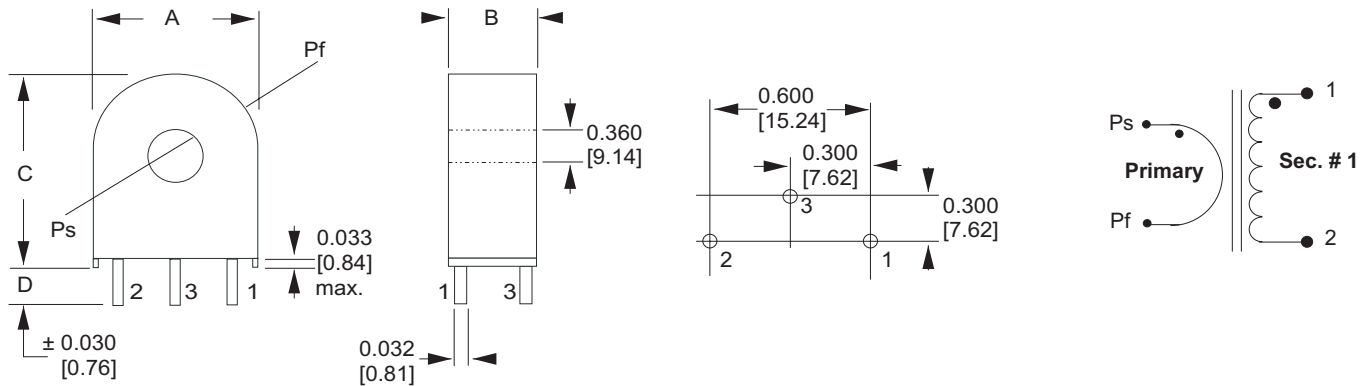


MAX. DIM :
L = 23.88 mm
W = 12.19 mm
H = 25.40 mm

- Diverse applications for overload sensing, load drop, shutdown and feed-back control in switch mode power supplies.
- Frequency range from 20 KHz to 50 KHz.
- Peak current 65 Amps.
- Single secondary only.
- Sensitivity 1 V/Amp adjustable by changin terminating resistor.
- Available in potted or ultrasonically welded construction.
- Dielectric strength of 2500 V between primary and secondary.

MECHANICAL SPECIFICATIONS

Front View
Side View
PCB Layout (Top)
Schematic



INCHES [mm]

ELECTRICAL SPECIFICATIONS

RoSH PART NUMBER	L(mH) ¹ min.	Freq. (KHz)	Turns Ratio	DCR (Ω max)	Ipk (Amps.)	A max. in / mm	B max. in / mm	C max. in / mm	D nom. in / mm	Seal
T75016	80.00	0.12	200:1	3.20	65.00	0.940 / 23.88	0.480 / 12.19	1.000 / 25.40	0.230 / 5.84	P

Ultrasonic seal (U)
 Potting (P)

1. Inductance tested at 0.25 V
 2. OCL and DCR tested at Ta=25°C.
 3. These Items are wound on more than one Single Layer.

Primary is supplied by end user.



RoHS COMPLIANT PRODUCT