



TITLE

INDUCTOR - POTS SPLITTER

PN

39370

REV

D

AGENCY APPROVAL: NA

SH

2

OF

7

SPECIFICATIONS:

Operating Temperature Range: -40°C to +85°C

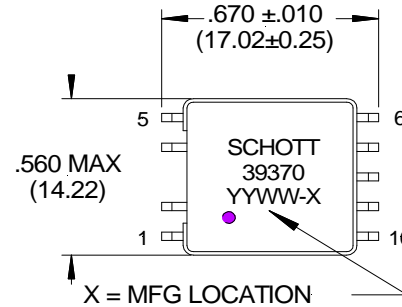
Temp Class 130°C

Electrical Characteristics

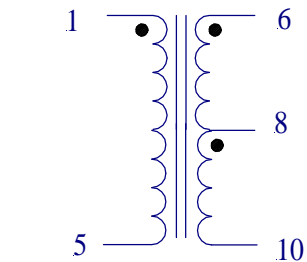
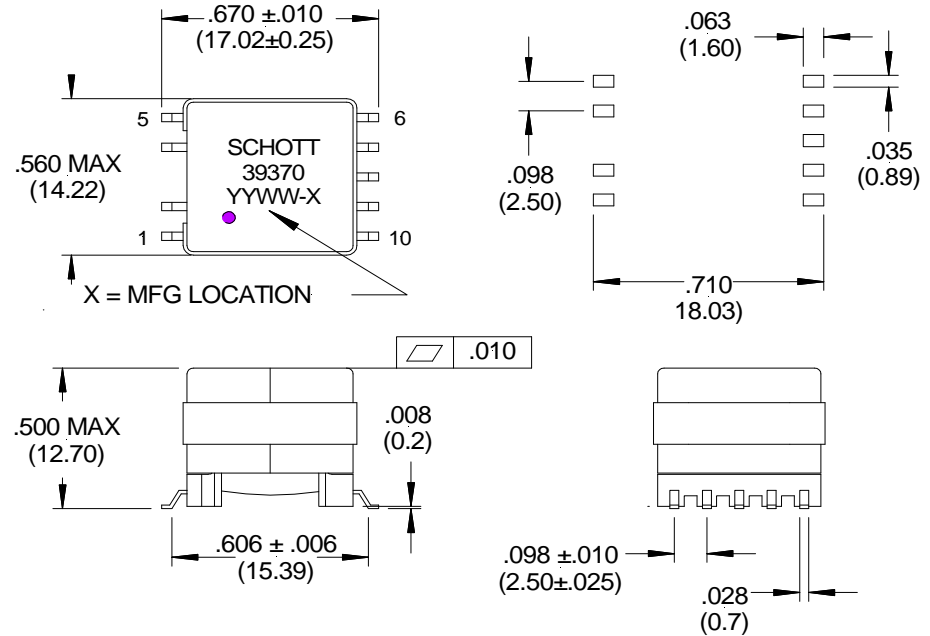
(@ 25°C unless otherwise noted)

1. INDUCTANCE: @ 0.1 Vrms, 10 KHz, 0-100 mAdc
 @ 0 mAdc, 1-5 = 6.72 to 7.28 mH (7.0 ± 4%)
 @ 100 mAdc, 1-10 tie (5&6) = 22mH MIN
 @ 80 mAdc, 1-10 tie (5&6) = 22mH MIN over operating Temp range
 @ 0 mAdc, L 1-5 and L 6-10 match within 1.25% of each other
2. IWC: @ 100 KHz, 0.1 Vrms
 1-6 = 150 pF MAX
3. TURNS RATIO: 1-5 : 6-10 = 1 : 1 ± 2%
4. DC RESISTANCE: OHMS
 1-5 = 6-10 = 6.5 MAX
5. DIELECTRIC STRENGTH: 850 Vdc, 1 minute
 (1000 Vdc, 1 second Schott Production Test)
 1-6 AND ALL WINDINGS TO CORE
6. LEAKAGE INDUCTANCE: @ 100kHz, 0.1VRMS
 1-5 (TIE 6-10) = 45µH MAX

NOTE: TERMINALS TO BE COPLANAR WITHIN 0.004".



REF PWB LAYOUT



INCHES / DECIMAL	.XX = ± .01	.XXX = ± 0.005	ANGLES ± 1°
MILLIMETERS (mm)	.XX = ± 0.20		