

BOURNS®

Features

- VALOR ST5116 equivalent
- Surface mount, dual transformer for transmit and receive
- 1500 VAC HIPOT

Applications

- Telecom

SM75176 - T1/CEPT/ISDN-PRI Transformer

Electrical Specifications @ 25 °C

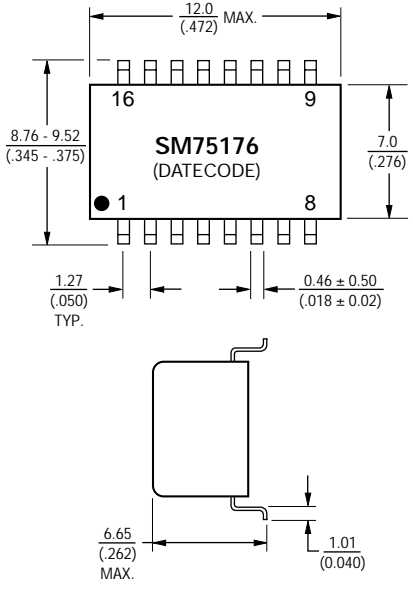
Turns Ratio ±5 %
 (1-2):(2-3):(16-15):(15-14).....1:1:1:0.26
 Turns Ratio ±5 %
 (6-7):(11-10):(10-9):(7-8).....1:1:1:0.26
 Polarity1,6,11 & 16
 OCL (16-14)
 mH min. @ 10 kHz, 0.01 V1.5
 OCL (6-8)
 mH min. @ 10 kHz, 0.01 V1.5
 Le (16-14)
 μH max. @ 100 kHz,
 short (1-2-3)0.5
 Le (6-8)
 μH max. @ 100 kHz,
 short (9-10-11)0.5
 C_{ww} (16-15-14) to (1-2-3)
 pF max. @ 100 kHz40
 C_{ww} (6-7-8) to (9-10-11)
 pF max. @ 100 kHz40
 DCR (1-3) (Ω max.)1.1
 DCR (11-9) (Ω max.)1.1
 DCR (16-14) (Ω max.)0.7
 DCR (6-8) (Ω max.)0.7
 HIPOT Between Pri. and Sec. Windings
 (VAC)1500
 Operating Temperature (°C)0 to +70

Packaging Specifications

Tape & Reel*700 pcs./reel

*"E" suffix at end of part number designates tape & reel packaging, e.g. SM75176E.

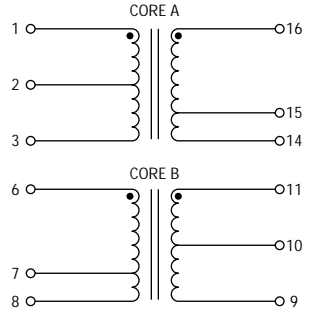
Product Dimensions



DIMENSIONS ARE: $\frac{\text{MM}}{\text{(INCHES)}}$

TOLERANCE: $\pm \frac{0.25}{(0.010)}$

Electrical Schematic



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 FAX +886-2 25624116
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