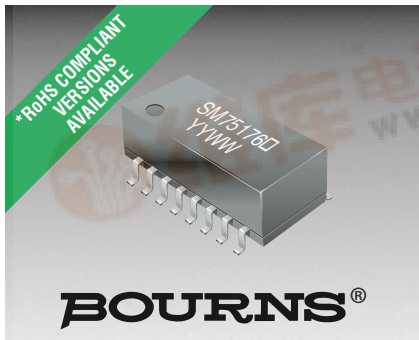




Features

- VALOR ST5116 equivalent
- Surface mount, dual transformer for transmit and receive
- 1500 VAC HIPOT
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

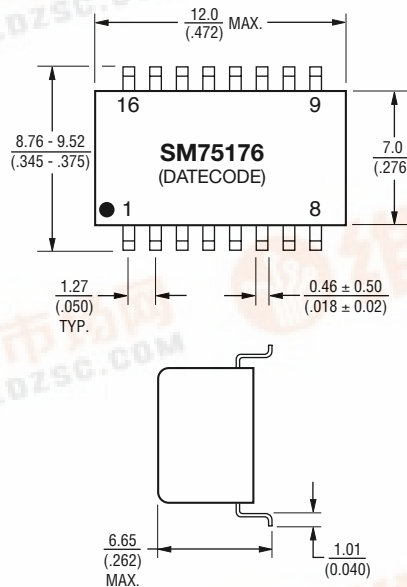
- Telecom

SM75176 - T1/CEPT/ISDN-PRI Transformer

Electrical Specifications @ 25 °C

Turns Ratio $\pm 5\%$ (1-2):(2-3):(16-15):(15-14).....1:1:1:0.26	
Turns Ratio $\pm 5\%$ (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) μ H max. @ 100 kHz, short (1-2-3)0.5	
Le (6-8) μ H 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	

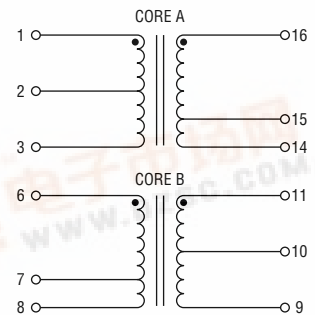
Product Dimensions



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

TOLERANCE: $\pm \frac{0.25}{(.010)}$

Electrical Schematic



How to Order

Model **SM75176E**

Termination
Blank = Tin-lead
L = Tin only (lead free)

Packaging Specifications

Tape & Reel*700 pcs./reel

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