Features
- Compact surface mount packaging
- 1500 VAC HIPOT
- Dual transformer for transmit and receive
- RoHS compliant*

Applications
- Telecom

SM75719L - T1/CEPT/ISDN-PRI Transformer

Electrical Specifications @ 25 °C

<table>
<thead>
<tr>
<th>Turns Ratio ±2%</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>(1-3):(12-10)</td>
<td>2CT:1</td>
</tr>
<tr>
<td>(11-12):(1-3)</td>
<td>0.395:1</td>
</tr>
<tr>
<td>(9-7):(4-6)</td>
<td>2CT:1</td>
</tr>
<tr>
<td>(9-8):(4-6)</td>
<td>1.58:1</td>
</tr>
</tbody>
</table>

Polarity (Same Phase)
- 1,12 & 11; 4,9 & 8

OCL (10-12)
- mH min. @ 10 kHz, 0.1 V .............. 1.2

OCL (9-7)
- mH min. @ 10 kHz, 0.1 V .............. 1.2

Le (10-12)
- µH max. @ 100 kHz, 0.02 V ............ 0.6

Le (9-7)
- µH max. @ 100 kHz, 0.02 V ............ 0.8

Cww (1-3) to (12-10)
- pF max. @ 100 kHz, 0.02 V ............ 40

Cww (4-6) to (9-7)
- pF max. @ 100 kHz, 0.02 V ............ 40

DCR (10-12) (Ω max.) ................. 0.80
DCR (9-7) (Ω max.) ..................... 0.80
DCR (1-3) (Ω max.) ..................... 1.30
DCR (4-6) (Ω max.) ..................... 0.60

HIPOT Between Pri. and Sec. Windings (VAC) ..................... 1500

Return Loss
- dB typ. @ 100 KHz - 3.2 MHz ........ 20

Operating Temperature (°C) ........ 0 to +70

Packing Specifications
Tape & Reel* .......................... 900 pcs./reel

E suffix before “L” in part number designates tape & reel packaging, e.g. SM75719EL.

How To Order

SM75719L

Model
Termination
L = Tin only (RoHS Compliant)

REV. 05/13

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time. Users should verify actual device performance in their specific applications.