Features
- Small height of 5.65 mm
- Operating temperature -40 °C to +85 °C
- RoHS compliant*

Applications
- Telecom

SM75056EL - T1/E1 Transformer

Electrical Specifications @ 25 °C

OCL (1-3)
- mH min. @ 10 kHz, 0.1 V ..............1.2
OCL (6-8)
- mH min. @ 10 kHz, 0.1 V ..............1.2
OCL (1-3)
- µH min. @ 10 kHz, 0.1 V, (-40 °C to +85 °C) ..............600
OCL (6-8)
- µH min. @ 10 kHz, 0.1 V, (-40 °C to +85 °C) ..............600
LL (1-3)
- µH max. @ 100 kHz, 0.1 V
  short (16-14) ...................................0.6
LL (6-8)
- µH max. @ 100 kHz, 0.1 V
  short (11-9) ...................................0.6
Cww (16-1)
- pF max. @ 100 kHz, 0.1 V ..............30
Cww (11-6)
- pF max. @ 100 kHz, 0.1 V ..............30
Turns Ratio
  (1-3) : (16-14) .................1 : 1.26 ±2 %
  (6-8) : (11-9) .................1 : 1.26 ±2 %
DCR (1-3)
- 0.8 ohm max.
DCR (6-8)
- 0.8 ohm max.
Polarity (1, 16, 6, 11) ..............Same phase

HIPOT
- Between Windings ..............2000 VAC

Contact Area of Pins on the PCB
Minimum Total Contact Area........5 mm²

Packaging Specifications
Tape & Reel*.......................... 700 pcs./reel

“E” suffix before “L” in part number designates tape & reel packaging, e.g. SM75056EL.

How To Order
SM75056EL

Model
Termination
L = Tin only (RoHS Compliant)