



LVP7.5-2.5-120

Type: Low Voltage Power Transformer

Primary: 120V, 60Hz.

Secondary: 7.5V(3.75-0-3.75)@2.5A

Schematic



Image

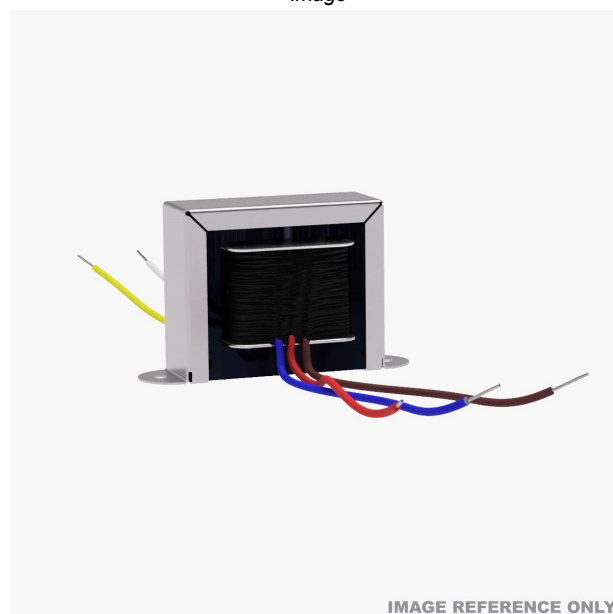


IMAGE REFERENCE ONLY

Specifications:

Total Volt Amperes: 18.75VA

Primary: 120V, 60Hz.

Primary Current: 0.164A

Primary DCR: 14.413Ω

Primary inductance: 4.074H

Secondary Voltages: 7.5V

Unloaded Voltages: 7.862V

Secondary Currents: 2.5A

Secondary DCR: 0.101Ω

Winding Config: Layer Wound

Core Stack: Interleave (1x1)

Dielectric Strength: 2500Vrms

HIPOT Pri.-Sec.: 2000Vrms

120V Temp. Rise: 62.94°F (17.19°C)

Temperature Range: -40°F (-40°C) to 221°F (105°C)

Leakage Inductance: 0.0051H

Efficiency: 91%

Regulation: 5.31%

Compliance: REACH & REACH & CMRT

Country of Origin: United States

Harmonized System Code: 8504.31.2000

Physical

Core Size: EI087 x 1in.

Dimensional Drawing: 15000-EI087-100-01H

Weight: 1.6 lbs.

Bobbin

Material: Nylon 6/6 GF-30

Flammability Rating: Class-HB

Magnet Wire

Material: Nylon coated unrecycled solid copper wire.

Core Material

Material: M6 29 ga. grain oriented lamination steel.

Coil Finishing Wrapper

Material: Polyester film/Non-woven tape.

Secondary Insulation

Material: Clear air dry polyester electrical varnish.

Hardware

Mounting: Channel

Orientation: Horizontal

Terminations

Material: 15 in. (38cm) UL1015, 18 ga. lead wire.

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