







PRI 120-375V (3)-200kHz

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AUX

6



ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER | | TEST CONDITIONS | VALUE |
|--------------------|-------|---|------------------------|
| D.C. RESISTANCE | 2-4 | @20°C | 0.15 ohms ±20% |
| D.C. RESISTANCE | 6-7 | J.02@ | 0.0420 ohms max. |
| D.C. RESISTANCE | 8-12 | D,02@ | 0.0250 ohms max. |
| D.C. RESISTANCE | 9-13 | @20°C | 0.0250 ohms max. |
| D.C. RESISTANCE | 10-14 | 020°C | 0.0250 ohms max. |
| INDUCTANCE | 2-4 | 10kHz, 100mVAC, Ls | 300uH ±10% |
| SATURATION CURRENT | | 20% rolloff from initial | 4.0A |
| LEAKAGE INDUCTANCE | 2-4 | tie(6+7, 8+9+10+12+13+14), 100kHz, 100mVAC, Ls | 3.5uH typ., 6.0uH max. |
| DIELECTRIC | 2-14 | tie(4+6, 12+13+14), 4500VAC, 1 second | 4500VAC, 1 minute |
| DIELECTRIC | 2-6 | 1250VAC, 1 second | 1000VAC, 1 minute |
| TURNS RATIO | | (2-4):(14-10) | 6:1, ±1% |
| TURNS RATIO | | (2-4):(13-9) | 6:1, ±1% |
| TURNS RATIO | | (2-4):(12-8) | 6:1, ±1% |
| TURNS RATIO | | (2-4):(6-7) | 6:1, ±1% |
| TURNS RATIO | | (2-3):(3-4) | 1:1, ±1% |

GENERAL SPECIFICATIONS: 60 OPERATING TEMPERATURE RANGE: -40°C to $+125^{\circ}\text{C}$ including temp rise.

Designed to comply with the following requirements as defined by IEC61558-2-17:

- Reinforced insulation for a primary circuit at a working voltage of 400VDC.

Wire insulation & RoHS status not affected by wire color. Wire insulation color may vary depending on availability.

| SEE REVISION SHEET FOR REVISION LEVEL | www.we-online.com/milacom | PKG-0904 | ray | Packaging Specifications |
|---------------------------------------|---------------------------|----------|---------------|--------------------------|
| REVISION LEVEL | CONVENTION PLACEMENT | <u>(</u> | \$\frac{1}{1} | } |

REV.

6A 6C

10/10 6/14 DATE

This drawing is dual dimensioned. Dimensions in brackets are in millimeters. Tolerances unless otherwise specified:
Angles: ±1°
Practions: ±1/64
Footprint: ±.001 [.03]

DRAWING TITLE

TRANSFORMER

750811330

PART NO.