

# COMMON MODE EMI SUPPRESSION INDUCTORS

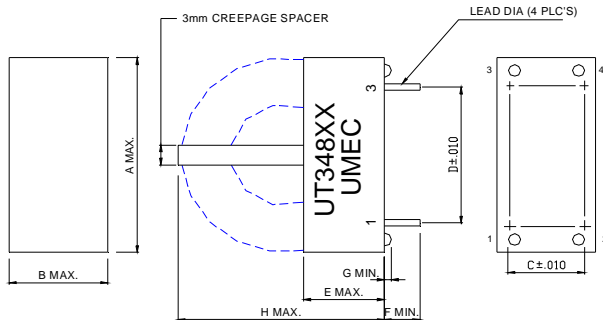
- Low profile or vertical mounting available.
- Windings balanced within 1%.
- For use in switching power supply input filter circuits.
- Dielectric strength 1250 Vrms.
- Designed with 3.0mm minimum creep distance between windings.
- Units are rated for max. operating temperature of 105°C (ambient+rise).
- Materials used have a temperature rating of 130°C.
- Encapsulation materials meet UL 94VO
- Leads are solderable.

## ELECTRICAL SPECIFICATIONS @25°C

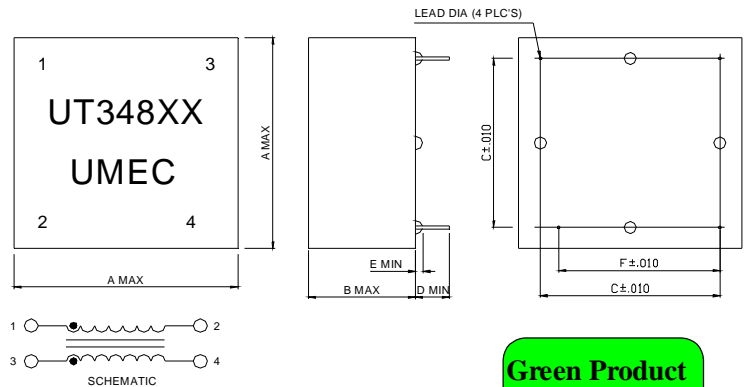
| Model Number<br>Low Profile | Rated RMS Current (Amps)<br>At Any input Voltage | Load VA (2)<br>At RMS Line |      | Inductance at 1 KHz (mH Min.) | Test Level Volts RMS 1.0KHz | Leakage Inductance 130KHz (μH Min.) | DCR Max. Each WDG (ohms) | Low Profile Package Designation | Lead DIA. Inches ± .003 | Model Number Vertical Mounting | Vertical Mount Package Designation | Lead DIA. Inches ± .003 |
|-----------------------------|--|----------------------------|------|-------------------------------|-----------------------------|-------------------------------------|--------------------------|---------------------------------|-------------------------|--------------------------------|------------------------------------|-------------------------|
|                             |  | 117V                       | 220V |                               |                             |                                     |                          |                                 |                         |                                |                                    |                         |
| UT34891                     | 1.8  | 210                        | 420  | 10.0                          | 0.50                        | 130 Min                             | 0.240                    | 1                               | 0.032                   | UT34911                        | 1                                  | 0.032                   |
| UT34892                     | 3.5  | 400                        | 800  | 3.0                           | 0.20                        | 35 Min                              | 0.060                    | 1                               | 0.032                   | UT34912                        | 1                                  | 0.032                   |
| UT34893                     | 6.0  | 700                        | 1400 | 1.0                           | 0.08                        | 12 Min                              | 0.020                    | 1                               | 0.036                   | UT34913                        | 1                                  | 0.036                   |
| UT34894                     | 2.6  | 300                        | 600  | 16.0                          | 1.00                        | 180 Min                             | 0.160                    | 2                               | 0.032                   | UT34914                        | 2                                  | 0.040                   |
| UT34895                     | 3.2  | 375                        | 750  | 8.0                           | 0.50                        | 90 Min                              | 0.120                    | 2                               | 0.032                   | UT34915                        | 2                                  | 0.040                   |
| UT34896                     | 5.2  | 600                        | 1200 | 4.0                           | 0.20                        | 45 Min                              | 0.040                    | 2                               | 0.036                   | UT34916                        | 2                                  | 0.036                   |
| UT34897                     | 7.5  | 875                        | 1750 | 2.0                           | 0.08                        | 25 Min                              | 0.020                    | 2                               | 0.047                   | UT34917                        | 2                                  | 0.047                   |

\* For RoHS compliant products: a.)The Ordering Code: TG-Model No. ex. TG-UT34891  
b.)Solder : Sn/Cu c.)Date Code suffix to "G" (xxxxG)

## VERTICAL MOUNTING OUTLINE



## LOW PROFILE MOUNTING OUTLINE



inches  
mm

| Package | A     | B     | C     | D     | E     | F    | G    | H     |
|---------|-------|-------|-------|-------|-------|------|------|-------|
| 1       | 1.15  | .550  | .400  | .800  | .45   | .20  | .015 | 1.15  |
|         | 29.21 | 13.97 | 10.15 | 20.37 | 11.43 | 5.06 | 0.38 | 29.21 |
| 2       | 1.44  | .800  | .600  | .900  | .70   | .20  | .030 | 1.50  |
|         | 36.57 | 20.32 | 15.24 | 22.86 | 17.78 | 5.06 | 0.76 | 38.10 |

| Package | A     | B     | C     | D    | E    | F     |
|---------|-------|-------|-------|------|------|-------|
| 1       | 1.25  | .600  | 1.000 | .200 | .015 | .900  |
|         | 31.75 | 15.24 | 25.40 | 5.06 | 0.38 | 22.86 |
| 2       | 1.50  | .800  | 1.280 | .200 | .010 | 1.083 |
|         | 38.10 | 20.32 | 32.51 | 5.06 | 0.25 | 27.50 |

\*Specifications are subject to change without prior notice.

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