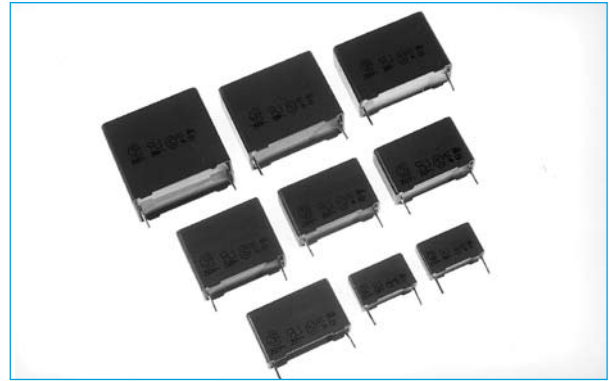


**CAPACITORS**

- Polypropylene Dielectric
- Plastic case (UL94V-0)
- Epoxy resin sealed, flame retardant - UL94V-0
- Self healing properties
- Special lead lengths available
- UL file number E97863

**EMI X2 SUPPRESSION D2XE**



SECTION 1

**SPECIFICATION**

|  |   |            |                                   |           |
|--|---|------------|-----------------------------------|-----------|
| <b>Max Operating Temperature:</b>  | 125°C   |            |                                   |           |
| <b>Rated AC Voltage:</b>   | 305VAC, 50/60Hz                                 |            |                                   |           |
| <b>Max DC Continuous Voltage:</b>  | 760V  |            |                                   |           |
| <b>Capacitance Tolerance:</b>  | ±20%(M), closer tolerances available on request |            |                                   |           |
| <b>DC Test Voltage:</b>  | 2121 for 2 seconds                              |            |                                   |           |
| <b>Dissipation Factor <math>\tan\delta</math>(in 10<sup>-3</sup>):<br/>at 20°C</b> |   | C ≤ 0.1µF  | 0.1µF < C ≤ 1µF                   | C > 2.2µF |
|  | at 1kHz   | 1          | 1                                 | 2         |
|  | 100kHz  | 5          |                                   |           |
| <b>Insulation resistance at 20°C,<br/>rel. humidity ≤ 65%</b>                      | C ≤ 0.33µF                                      | C > 0.33µF |                                   |           |
|  | 30000MΩ   | 10000 s    |                                   |           |
| <b>Marks of conformity</b>   | <b>Standards</b>                                |            | <b>Certificate</b>                |           |
|  | EN 132400, IEC 60384-14                         |            | 40005536/40010694                 |           |
|  | UL 1414 / UL 1283                               |            | E97863 / E157153                  |           |
|  | CSA C22.2 No.1 / No.8                           |            | E97863 / E157153 (approved by UL) |           |
|  | CQC (GB/T 14472-1998)                           |            | CQC001007-14859                   |           |

\*Approved for V=250Vac

**ORDERING INFORMATION**

| D2XE  | 0.1         | 305     | M                  | 15                         | 26   |
|-------|-------------|---------|--------------------|----------------------------|--|
| Range | Capacitance | Voltage | Tolerance          | Pitch                      | Options  |
|       | µF          |         | M = 20%<br>K = 10% | 15<br>22.5<br>27.5<br>37.5 | TA = Tape Ammo<br>TR = Tape Reel<br>26 = Lead Length<br>26mm<br>Blank = Lead Length<br>6mm |

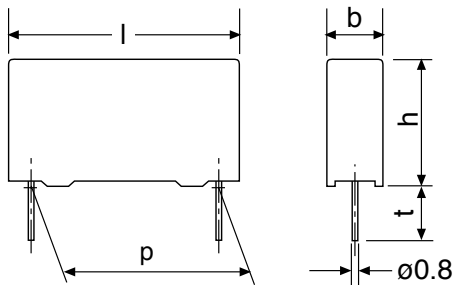
RANGE & DIMENSIONS

SECTION 1

| Lead Spacing<br>P +/- 0.4(mm) | Capacitance | Max Dimensions (mm) |      |      |
|-------------------------------|-------------|---------------------|------|------|
|                               |             | b                   | h    | l    |
| 10                            | 10NF        | 4                   | 9    | 13   |
|                               | 22NF        | 4                   | 9    | 13   |
|                               | 33NF        | 4                   | 9    | 13   |
|                               | 47NF        | 6                   | 12   | 13   |
|                               | 68NF        | 6                   | 12   | 13   |
|                               | 0.1UF       | 6                   | 12   | 13   |
| 15                            | 33NF        | 5                   | 10.5 | 18   |
|                               | 47NF        | 5                   | 10.5 | 18   |
|                               | 68NF        | 6                   | 11   | 18   |
|                               | 0.1UF       | 6                   | 11   | 18   |
|                               | 0.22UF      | 8.5                 | 14.5 | 18   |
|                               | 0.33UF      | 9                   | 17.5 | 18   |
|                               | 0.47UF      | 9                   | 17.5 | 18   |
| 22.5                          | 0.33UF      | 8.5                 | 16.5 | 26.5 |
|                               | 0.47UF      | 8.5                 | 16.5 | 26.5 |
|                               | 0.68UF      | 10.5                | 18.5 | 26.5 |
|                               | 1.0UF       | 12                  | 22   | 26.5 |
|                               | * 1.5UF     | 12                  | 22   | 26.5 |
|                               | * 2.2UF     | 14.5                | 29.5 | 26.5 |
| 27.5                          | 1UF         | 11                  | 21   | 31.5 |
|                               | 1.5UF       | 13.5                | 23   | 31.5 |
|                               | 2.2UF       | 18                  | 27.5 | 31.5 |
|                               | 3.3UF       | 18                  | 27.5 | 31.5 |
|                               | 4.7UF       | 22                  | 36.5 | 31.5 |
| 37.5                          | 3.3UF       | 18                  | 32.5 | 41.5 |
|                               | 4.7UF       | 20                  | 39.5 | 41.5 |
|                               | 6.8UF       | 28                  | 42.5 | 41.5 |
|                               | * 10UF      | 28                  | 42.5 | 41.5 |

Max operating temp 110C

OUTLINE DRAWING



$t = 5.5 \pm 0.5\text{mm}$ ,

Other lead lengths available upon request, contact sales office for details