



**ELECTROMAGNETIC INTERFERENCE  
(EMI) SUPPRESSION CAPACITORS**

**MPB-X2  
SERIES**



**APPLICATION** : In electronic equipments & appliances for suppression of electromagnetic interference (EMI/RFI) across the line & line by pass, SMPS, electronic ballasts, energy meters.

**ITEM DESCRIPTION** : MPB-X2 (10) 0.1/10/305VAC

**TECHNICAL DETAILS**

**Dielectric** : Polypropylene

**Electrodes** : Vacuum deposited Zinc Aluminium

**Ref. Standard** : IEC 60384-14

**Encapsulation** : Plastic Box (Yellow) & Epoxy

**Flame Retardancy** : Conforming to UL 94 V-0

**Environmental Category** : 40/85/21

**Capacitance Tolerance** :  $\pm 10\%$

**Test Voltage (HV)** : 500VAC for 2 seconds

**Insulation Resistance** :  $\geq 30,000\text{ M}\Omega$

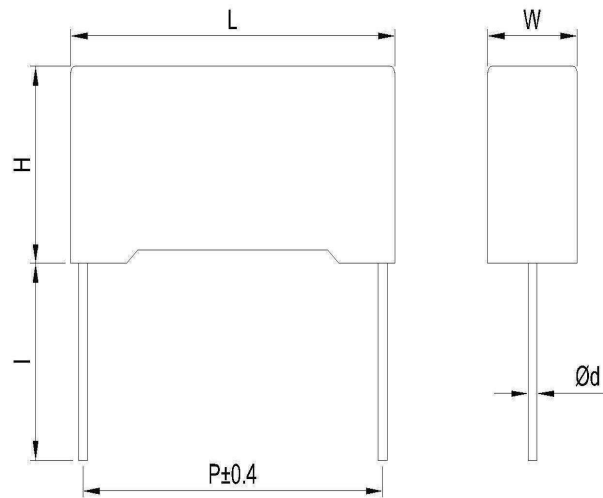
**(IR) at 100V, 1 minute  
at 25 deg.C +/-3 deg.**

**Dissipation factor (Tan  $\delta$ )** :  $\leq 0.001$  at 1 kHz  
 $\leq 0.003$  at 10 kHz  
 $\leq 0.005$  at 100 kHz

**MECHANICAL DATA**

**Dimensions (max. in mm)** :

- L : 13.0
- W : 6.0
- H : 12.0
- Pitch (P) :  $10.0 \pm 0.4$
- Lead Diameter (d) :  $0.6 \pm 0.02$
- Lead Length (l) :  $22.0 \pm 1.0$



ISO 9001:2008

**DESAI ELECTRONICS PVT. LTD.**