

X1M series 跨接抑制射頻突波電容器

FOR INTERFERENCE SUPPRESSION AND ACROSS-THE-LINE, CLASS X1

INTRODUCTION

X1 are non-inductively wound with a metallized polypropylene film dielectric/electrode, encapsulated in flame retardant(UL94,V-0) plastic case and epoxy resin end seal.

X1

- S Tinned copper clad steel wire radial leads.
- P UL 1015 or UL 1017 AwG#16~24 solid PVC insulation wire radial leads.

APPLICATIONS

- Ideal for use in line by pass, antenna coupling, across-the line and spark killer circuits.
- Available for EMI filter.
- Switching power supply application.
- Business machines appliances, such as: typewriters, adding machines, computer displays and monitors.
- Household appliances, such as: mixers, fans, coffee grinders audion and circuits.
- Thyristor and triac appliances, such as: dimmers:

FEATURES

- Provides interference suppression, all safety approval
- Cvervoltage stress withstanding
- Self-healing properties
- Active and passive flame retardent

SPECIFICATIONS

Climate Category: In accordance with DIN40040 GMF

a/G=Minimum Limit Temperature...-40°C

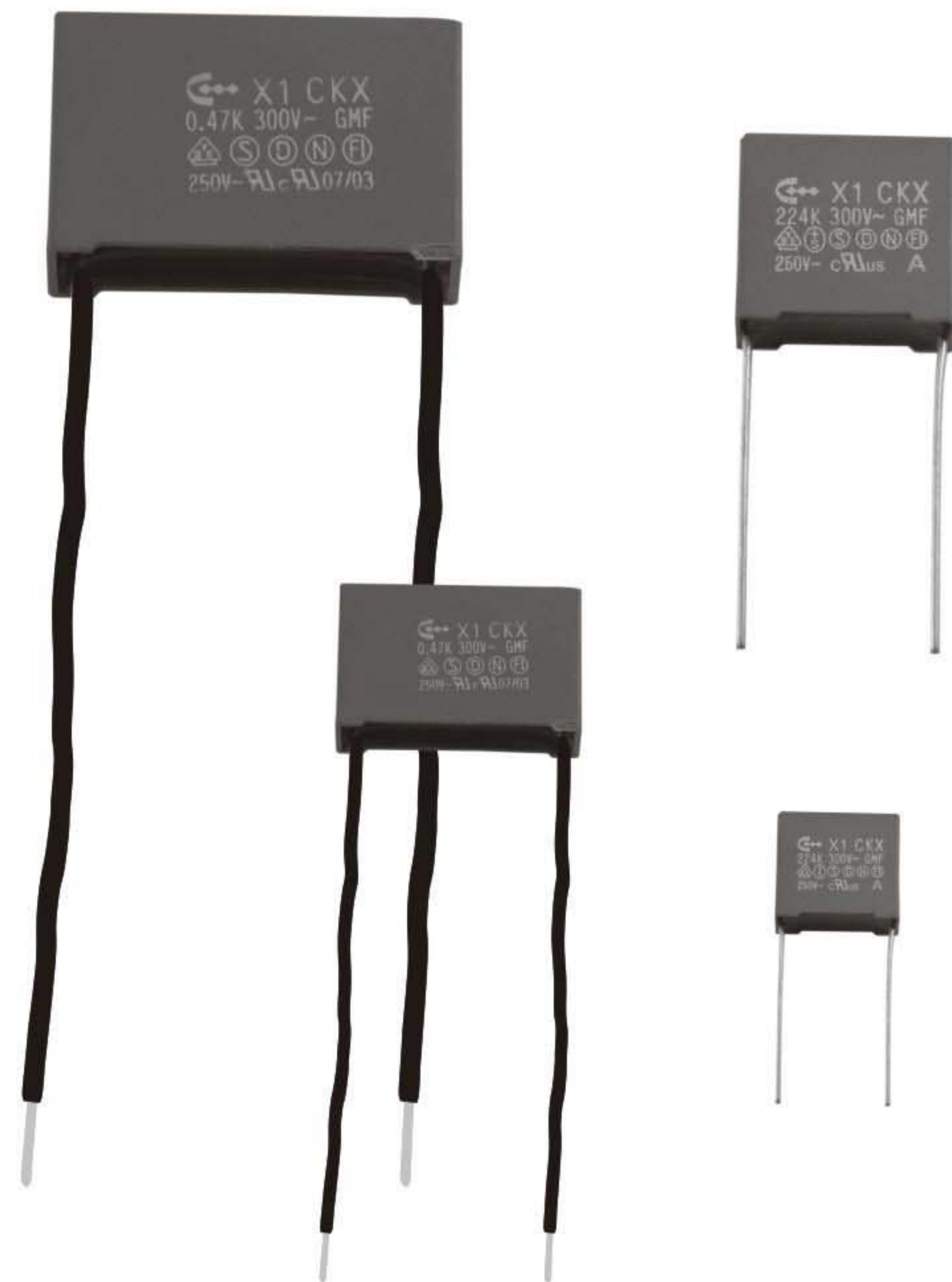
b/M=Maximum Limit Temperature...+100°C

c/F=Humidity Category...Average relative humidity

≤75%, 95% for 30 days per year, continuously:

85% for the remaining days, occasionally.

- Rated Voltage:..... 250 V/300 V.AC, 50~60Hz
 - Capacitance Range:.....0.0047~10 μ F
 - Capacitance Tolerance:
 - Withstand Voltage: J(±5%), K(±10%), (M±20%)
 - a/Between Terminals.. 1200V.AC, 60HZ OR 2200 V.DC 1s.
 - b/Between Terminals and Case.....2200 V.AC. 60Hz 60s.
 - Dissipation Factor:
 - a/≤0.1% at 1 KHz and 20°C
 - b/≤0.3% 10 KHz and 20°C
 - Insulation Resistance:
 - A/Between Terminals..... $\geq 3 \times 10^4$ MΩ for $c \leq 0.33 \mu F$;
 $\geq 1 \times 10^4$ MΩ/μ F for $C > 0.33 \mu F$;
 - B/Between Terminals and Case..... $\geq 3 \times 10^4$ MΩ
- Measured at 100±15V.DC, 60s 20°C



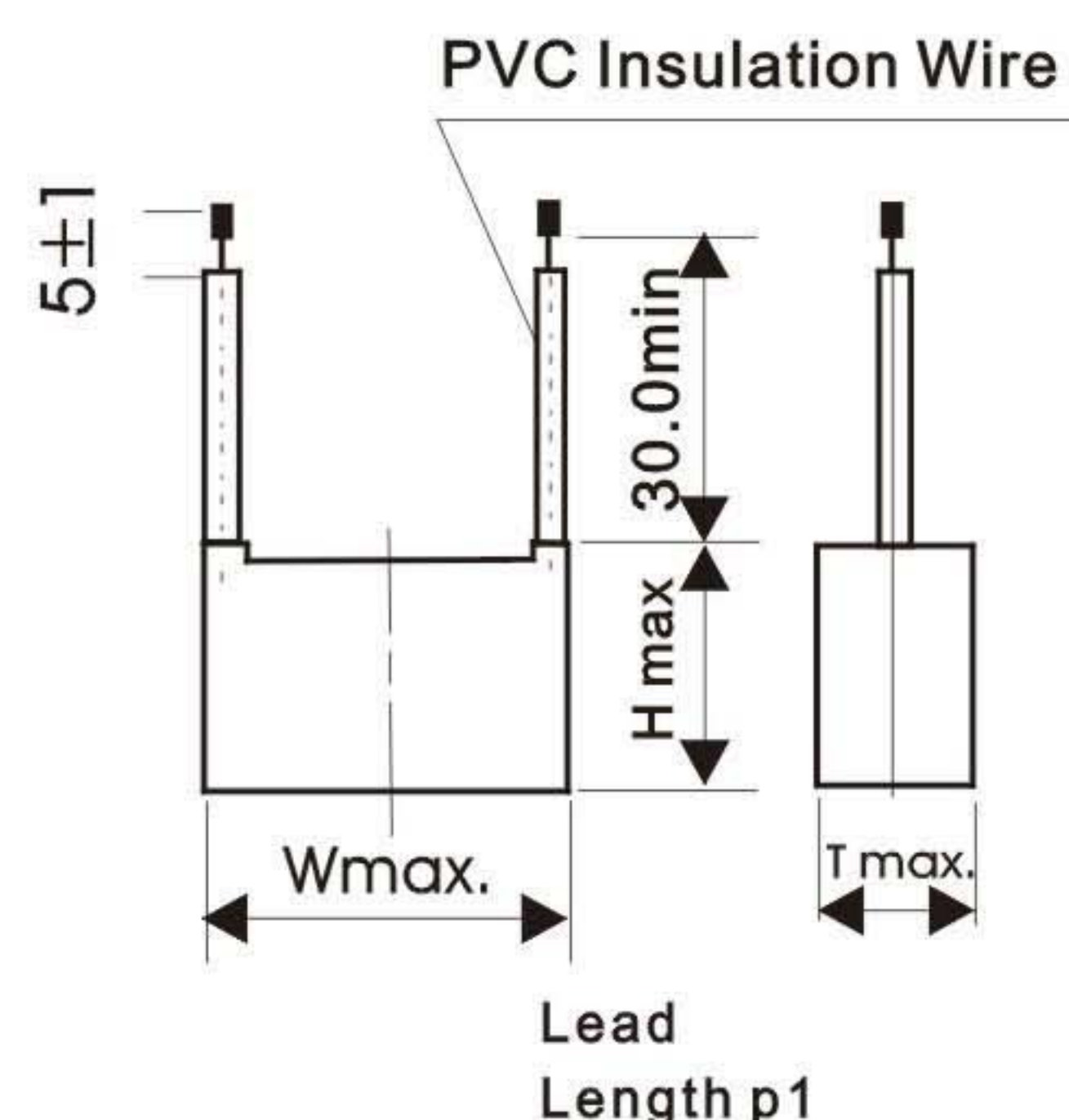
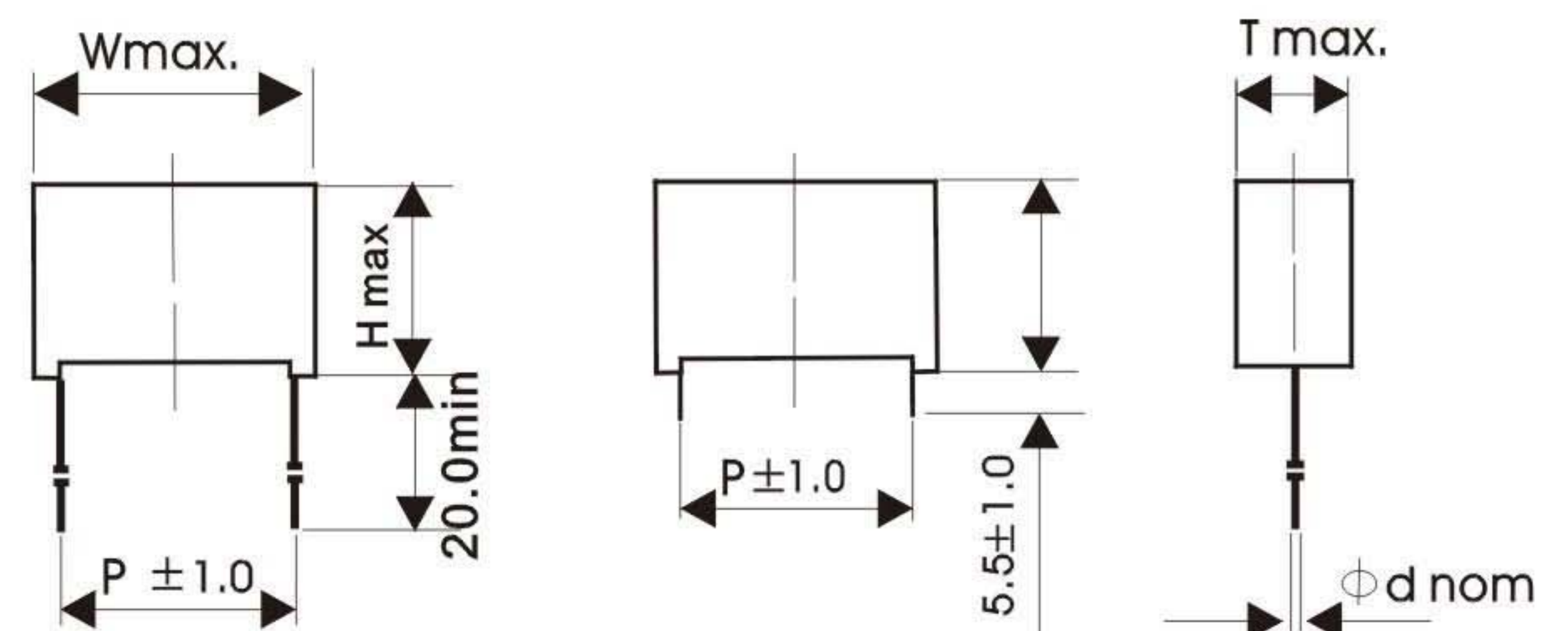
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DIAGRAM OF DIMENSIONS

(Unit=mm)

Pitch and lead dimensions(mm)

W	13.0	18.0	26.5	31.5	37.0	51.0
P	10.0	15.0	22.5	27.5	32.5	47.5
d Ø	0.6	0.8	0.8	0.8	0.8	0.8



Wire Size:
AWG#22 for W=18.0mm.
AWG#20 for W≤26.5mm

