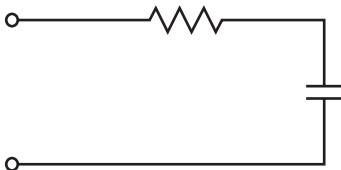


Fax Back Document #1204

XEB SERIES

- Flexible wire leads with mounting tabs on some models
- Our best performance series with broad applications in motor and controls
- Large product selection range with ¼, ½, and 1 watt non-inductive, high pulse resistors

Safety Agency : Standard	File No.
UL : UL-1414	E47474
CSA : CSA C22.2 No.0, No.1	LR37404/LR68886
VDE : VDE0565-1	10529-4670-1002
SEMKO : SS443-04-14	8705137
DEMKO : Heavy Current Regulations Section 21 and IEC384-14	88929EC
NEMKO : NEMKO 132/85	E40433/E40434
EL : E384/14-82	116910-01, -02
SEV : SEV1055	87.1 01343.02



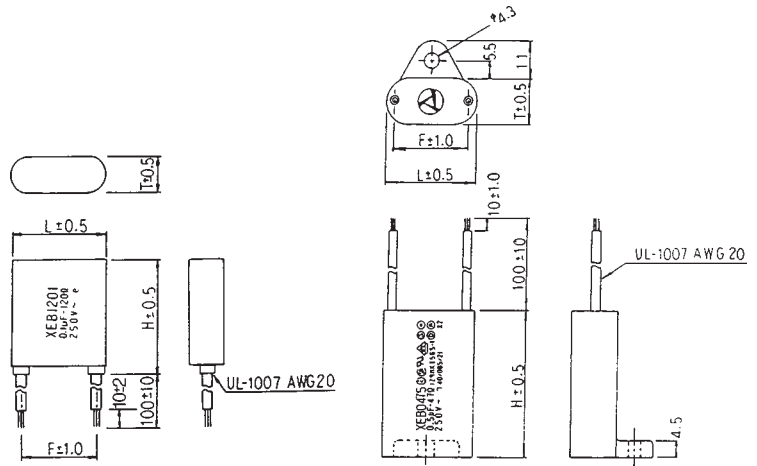
ELECTRICAL SPECIFICATIONS

Operating temp. range : -40 ~ + 85°C

Safety Standard	Class	Model number	Resistance Ω ±30%	Capacitance Cx (µF±20%)	Pulse condition (Max)				Peak pulse voltage	Test voltage JISC5102	Insulation resistance
					Peak to Peak (P-P)	Pulse width	Repetitive frequency	Pulse width (sec) x Frequency(Hz)			
	X2	XEB01001	10(¼W)	0.01	800V max.	50msec max.	120Hz max.	4.5max	1200V max.	Line to Line 15,000M Ω min.	
		XEB04701	47(¼W)					3.0max			
		XEB12001	120(¼W)					1.5max			
		XEB22001	220(¼W)					0.8max			
		XEB47001	470(¼W)					0.45max			
		XEB010033	10(¼W)					0.033			3.0max
		XEB047033	47(¼W)	2.0max							
		XEB120033	120(¼W)	1.0max							
		XEB220033	220(¼W)	0.5max							
		XEB470033	470(¼W)	0.25max							
		XEB0101	10(½W)	0.1							1.5max
		XEB0471	47(½W)					1.0max			
		XEB1201	120(½W)					0.45max			
		XEB2201	220(½W)					0.2max			
		XEB4701	470(½W)					0.1max			
		XEB0102	10(½W)					0.2			0.5max
		XEB0472	47(½W)	0.3max							
		XEB1202	120(½W)	0.15max							
		XEB2202	220(½W)	0.08max							
		XEB0103	10(1W)	0.3							0.2max
XEB0473	47(1W)	0.1max									
XEB1203	120(1W)	0.05max									
XEB2203	220(1W)	0.02max									
XEB0105	10(1W)	0.5	0.18max								
XEB0475	47(1W)		0.05max								
XEB01010	10(1W)		1.0	0.15max							
Line to Case 2000 Vrms 50/60Hz 60 sec.											
Line to Case 100,000M Ω min. (at 20°C 500VDC)											

MECHANICAL SPECIFICATIONS:

Case: Standoffs provided for improved cleanability
 Case Material: Polybutylene Terephthalate (FR-PBT)
 UL-94 Flame Class V-O
 Potting Material: UL-94 Flame Class V-O
 Leads: Tinned Stranded Copper Wire
 Polyvinylchloride (PVC) Insulation
 Soldered Capacitor Element
 Capacitor: Double Wound, Oil Impregnated,
 Metallized Polyester Film



XEB...01 ~ XEB...2

XEB...3 ~ XEB...10

All Dimensions in MM

MECHANICAL DIMENSIONS

Other lead lengths available—consult factory.

Safety Standard	Class	Model No.	Resistance $\Omega \pm 30\%$	Capacitance $(\mu F \pm 20\%)$	Dimensions						
					L	H	T	F			
	X2	XEB01001	10(¼W)	0.01	16.0	20.0	8.0	12.5			
		XEB04701	47(¼W)								
		XEB12001	120(¼W)								
		XEB22001	220(¼W)								
		XEB47001	470(¼W)								
		XEB010033	10(¼W)						0.033		
		XEB047033	47(¼W)								
		XEB120033	120(¼W)								
		XEB220033	220(¼W)								
		XEB470033	470(¼W)								
		XEB0101	10(½W)	0.1	19.0	25.0	8.5	15.0			
		XEB0471	47(½W)								
		XEB1201	120(½W)								
		XEB2201	220(½W)								
		XEB4701	470(½W)								
		XEB0102	10(½W)						0.2	21.5	30.0
		XEB0472	47(½W)								
		XEB1202	120(½W)								
		XEB2202	220(½W)								
		XEB0103	10(1W)	0.3	30.0	39.0	16.0	26.0			
XEB0473	47(1W)										
XEB1203	120(1W)										
XEB2203	220(1W)										
XEB0105	10(1W)	0.5									
XEB0475	47(1W)										
XEB01010	10(1W)	1.0	37.0	48.0	22.0	33.0					