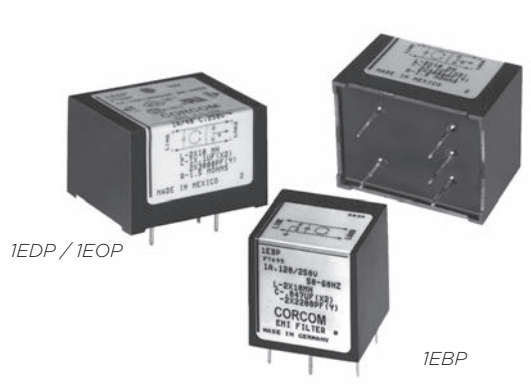
EBP, EDP & EOP Series

UL Recognized*
CSA Certified*
VDE Approved*



EBP Series

- General purpose
- Low leakage current
- Cost-effective
- Compact size

EDP Series

- Enhanced differential mode performance
- Low leakage current
- Cost-effective

EOP Series

- General purpose
- Low leakage current
- Cost-effective

Ordering Information

6 EDP

- EBP Series — Compact Size
- EDP Series — Enhanced Performance
- EOP Series — General Performance
- Current Rating — 1, 3, 6 or 10A

EBP models are approved to VDE standards only

Specifications

Maximum leakage current each Line to Ground:

	EDP/EOP	EBP
@ 120 VAC 60 Hz:	.22 mA	.13 mA
@250 VAC 50 Hz:	.38 mA	.21 mA

Hipot rating (one minute):

Line to Ground:	2250 VDC
Line to Line:	1450 VDC

Rated Voltage (max): 250 VAC

Operating Frequency: 50/60 Hz

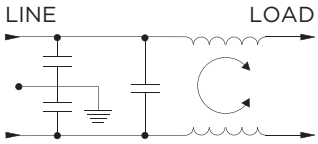
Rated Current: 1 to 10A

Operating Ambient Temperature Range (at rated current I_r): -10°C to +40°C

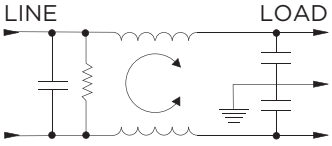
In an ambient temperature (T_a) higher than +40°C the maximum operating current (I_o) is calculated as follows: $I_o = I_r \sqrt{(85-Ta)/45}$

Electrical Schematic

EBP



EDP & EOP



Available Part Numbers

1EBP	3EBP
1EDP	1EOP
3EDP	3EOP
6EDP	6EOP
10EDP	10EOP

Dimensions are in inches and millimeters unless otherwise specified. Values in italics are metric equivalents. Dimensions are shown for reference purposes only. Specifications subject to change.

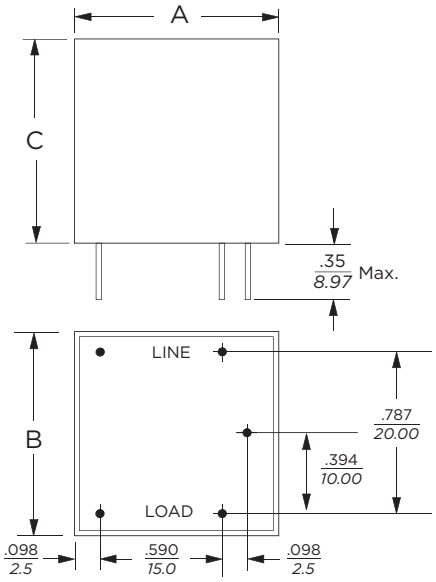
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EBP, EDP, EOP Series

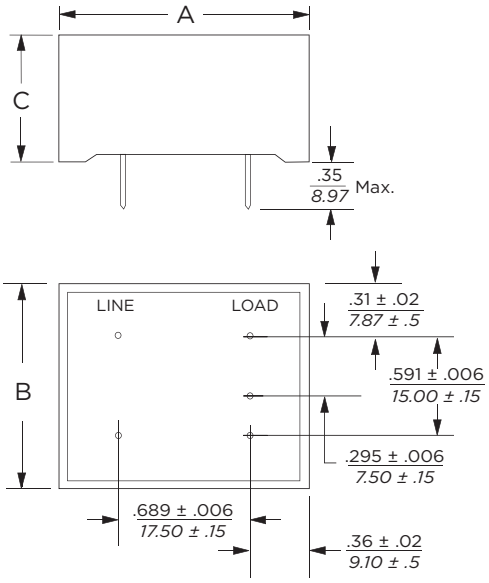
Case Styles

EBP



Typical Dimensions:
Pins (5): 0.025 [0.635] square

EDP / EOP



Typical Dimensions:
Pins (5): 0.025 [0.635] square

Case Dimensions

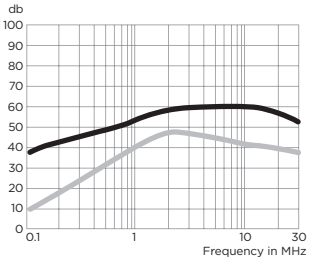
Part No.	A (max)	B (max)	C (max)
EBP	**.984** *25.0*	**.984** *25.0*	**.984** *25.0*
EDP	**1.44** *36.6*	**1.24** *31.5*	**0.95** *24.15*
EOP	**1.44** *36.6*	**1.24** *31.5*	**0.78** *19.9*

Performance Data

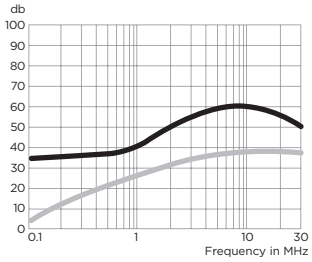
Typical Insertion Loss

Measured in closed 50 Ohm system

1EBP



3EBP



Common Mode / Asymmetrical (L-G)
Differential Mode / Symmetrical (L-L)

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EBP, EDP & EOP Series

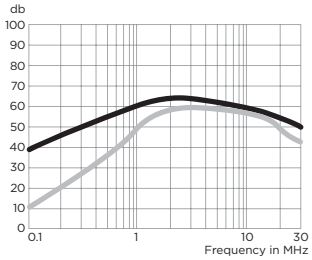
Performance Data *(continued)*

Typical Insertion Loss

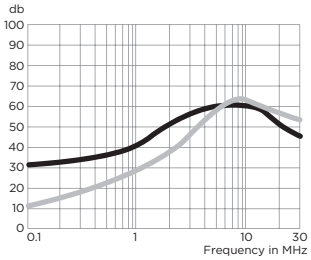
Measured in closed 50 Ohm system

Common Mode / Asymmetrical (L-G)
Differential Mode / Symmetrical (L-L)

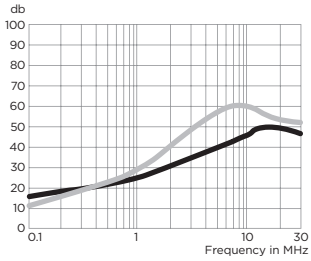
1EDP



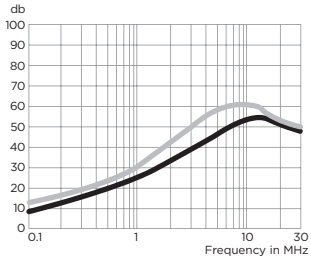
3EDP



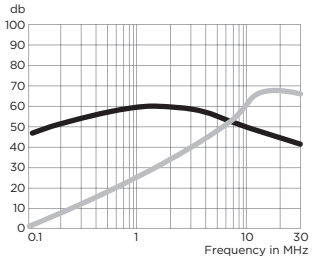
6EDP



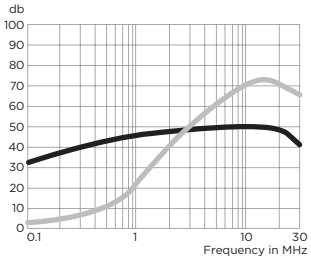
10EDP



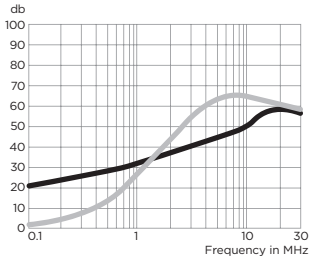
1EOP



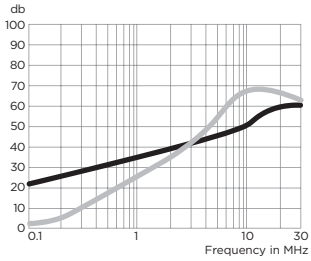
3EOP



6EOP



10EOP



Minimum Insertion Loss

Measured in closed 50 Ohm system

Common Mode / Asymmetrical (Line to Ground)

Current Rating	Frequency – MHz .15	.5	1	5	10	30
EBP Models						
1A	30	40	40	42	45	45
3A	24	29	30	42	45	45
EOP Models						
1A	32	41	54	54	46	40
3A	18	28	35	41	40	40
6A	10	20	28	37	40	40
10A	5	14	19	27	33	40
EDP Models						
1A	32	41	54	54	46	40
3A	18	28	35	41	40	40
6A	10	20	28	37	40	40
10A	5	14	19	27	33	40

Differential Mode / Symmetrical (Line to Line)

Current Rating	Frequency – MHz .15	.5	1	5	10	30
EBP Models						
1A	-	14	25	35	33	25
3A	-	14	15	31	34	25
EOP Models						
1A	4	14	42	42	44	38
3A	4	14	24	38	38	38
6A	4	14	22	30	34	34
10A	6	16	22	40	50	45

EDP Models	Frequency – MHz .15	.5	1	2	4	10	20	30
1A	1	6	19	39	48	52	38	35
3A	1	4	9	9	28	41	36	35
6A	1	4	9	9	40	40	42	35
10A	1	4	9	9	14	35	42	35

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