

Push-Pull Transformer

EPF-1209-Series

2026-06-13 Rev. 1



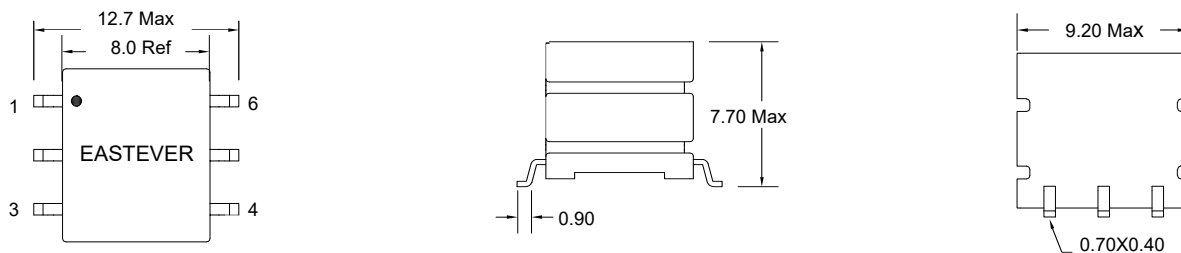
Features

- 260°C Reflow Compatible
- RoHS compliant and lead free
- Operating temperature range: -40 up to +125 °C
- Storage Conditions (for single parts):-20 up to +60 °C
- Storage Conditions (in original packaging):< 40 °C ; < 75 % RH

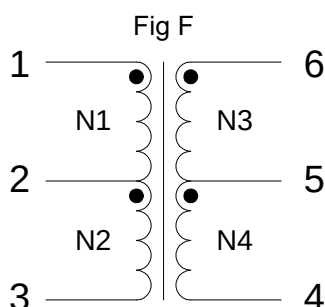
Applications

- Solar inverters
- Process control
- AC motor drives
- Medical equipment
- Industrial automation
- Polyphase energy meters
- Protection relays and IEDs
- Isolated gate driver power supplies
- PLC analog and digital I/O modules
- RS-232, SPI, I2C, lower-power LAN
- Uninterruptible power supplies (UPS)
- Isolated interface power supply for CAN, RS-485, RS-422

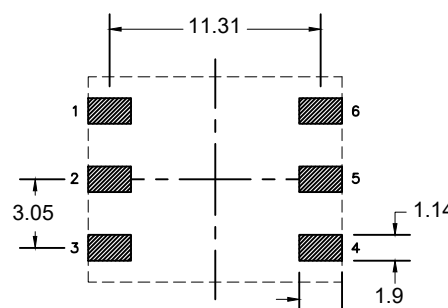
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



Push-Pull Transformer

EPF-1209-Series

2026-06-13 Rev. 1



Electrical Properties

EASTEVER Part Number.	Inductance N1+N2 (uH) (Min)	DCR (25℃)		Turns Rati N1+N2 : N3+N4	Voltage-Time V(μs)	Interwinding Capacitance (pF) Typ	Insulation Test Voltage N1,2=>N3,4 V(rms)
		N1+N2 (Ω) max	N3+N4 (Ω) max				
EPF-1209-13626	340	0.44	0.59	1:2.0	10	5.50	5000
EPF-1209-13734	340	0.41	0.33	1:1.1	10	5.25	5000
EPF-1209-13638	340	0.35	0.33	1:1.3	10	4.75	5000
EPF-1209-13769	340	0.42	0.48	1:1.7	10	5.50	5000
EPF-1209-15229	380	0.30	0.30	1:1.1	8.8	/	5000
EPF-1209-15230	380	0.27	0.34	1:1.4	8.8	/	5000
EPF-1209-15231	380	0.32	0.41	1:1.6	8.8	/	5000
EPF-1209-15232	380	0.56	0.49	1:2.0	8.8	/	5000
EPF-1209-19845	340	0.36	0.40	1:1.6	5.5	5.50	5000
EPF-1209-20340	200	0.41	1.50	1:3.5	16	5.20	6000
EPF-1209-42879	200	0.33	0.75	1:3.5	9.0	/	5000
EPF-1209-43341	150	0.30	0.53	1:2.6	7.8	/	5000
EPF-1209-43725	250	0.36	0.87	1:3.9	9.0	/	5000

※ Test condition: 100 kHz/10mV, All data is tested based on 25℃ ambient temperature.

※ Operating Temperature: -40℃ to +105℃ (Temperature rise included).

※ Storage condition: Temperature 5 to 40℃.

