

Push-Pull Transformer

EPF-1208-Series

2026-06-10 Rev. 1



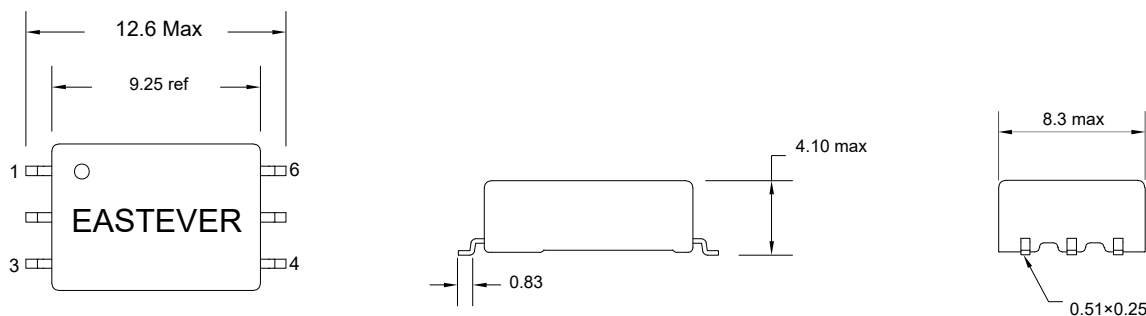
Features

- 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

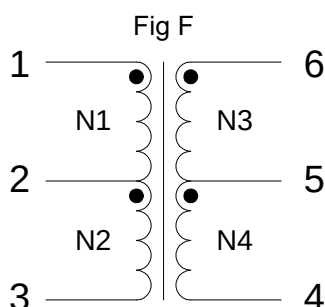
Applications

- 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

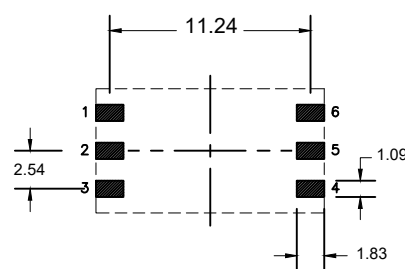
Outline Drawing(mm)



Electrical structure



Recommended layout(mm)



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Electrical Properties

EASTEVER Part Numder.	Inductance N1+N2 (uH) Min	Test Condition	Leakage Inductance N1+N2 (nH) typ @100kHz/0.1V	DCR (25℃)		Turns Ratio N1+N2 : N3+N4	Voltage-Time V(μs)	Insulation Test Voltage N1,2=>N3,4 V(AC)
				N1+N2 (Ω) max	N3+N4 (Ω) max			
EPF-1208-15371	72	100kHz/10mV	/	0.09	0.09	1:1.10	8.6	2500
EPF-1208-16028	86	100kHz/10mV	/	0.10	0.13	1:1.75	13.0	2500
EPF-1208-16029	72	100kHz/10mV	/	0.10	0.15	1:2.10	8.9	2500
EPF-1208-16030	94	100kHz/10mV	/	0.10	0.08	1.30:1	10.2	2500
EPF-1208-16818	86	10kHz/10mV	200	0.10	0.44	1:3.50	9.0	2500
EPF-1208-16819	86	10kHz/10mV	200	0.10	0.35	1:2.88	9.0	2500

※ All test data is referenced to 25℃ ambient.

