

CEP99 / CEP99B



◆ Outline

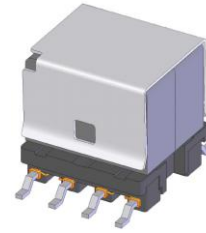
- Pulse transformer for Automobiles.

◆ Application

- Battery management system of automobiles

◆ Features

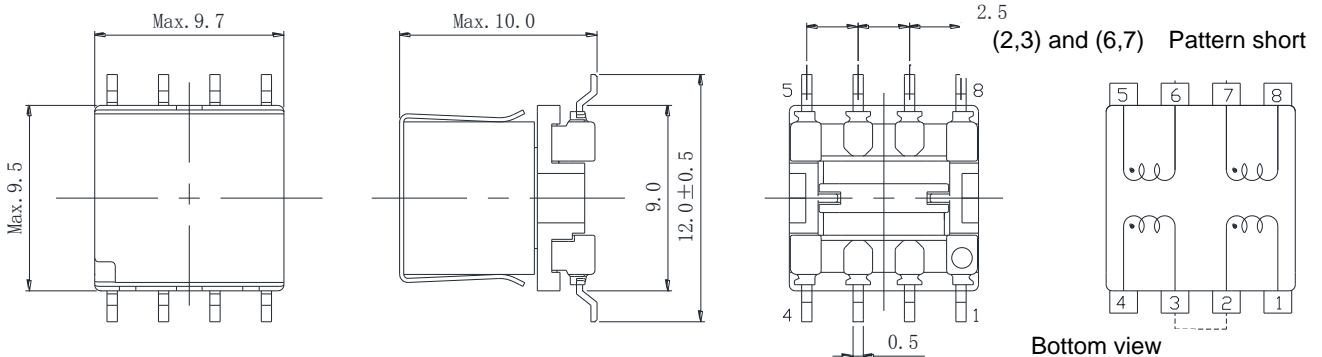
- SMD Type and 9mm square.
- High withstand Voltage : 2,500Vrms
- Operating temperature : - 40deg. ~ +125deg.



◆ Specifications

Item		Specification				Testing condition
		CEP99			CEP99B	
Part name		CEP99P	CEP99P2	CEP99-102	CEP99B-272	
Inductance	(1-4)	Min.45 μ H	Min.75 μ H	Min.618 μ H	Min.1.62 mH	10kHz, 20mV
Stray Capacitance	(1-4)	Max.6.6 pF	Max.3.2 pF	Max.5.2 pF	Max.11.5 pF	CEP99P : 30MHz, 20mV CEP99P2 : 20MHz, 20mV CEP99-102 : 10MHz, 20mV CEP99B-272 : 5MHz, 20mV
Interwinding Capacitance	(1-4:5-8)	Max.1.8 pF	Max.2.0 pF	Max.2.5 pF	Max.2.5 pF	CEP99P : 100 kHz, 20mV CEP99P2 : 100 kHz, 20mV CEP99-102 : 10kHz, 20mV CEP99B-272 : 100 kHz, 20mV
Leakage Inductance	(1-4)	Max.2.3 μ H	Max.3.3 μ H	Max.28.6 μ H	Max.67.6 μ H	CEP99P : 100 kHz, 20mV, (5~8)short CEP99P2 : 100 kHz, 20mV, (5~8)short CEP99-102 : 10kHz, 20mV, (5~8)short CEP99B-272 : 100 kHz, 20mV, (5~8)short
D.C.R.	(1-4)	Max.0.39 ohm	Max.0.53 ohm	Max.1.34 ohm	Max.2.06 ohm	at 20 deg.
Withstand Voltage	(1-4:5-8)	AC2,500V, 60sec				0.5mA, 50Hz/60Hz
Turn Ratio	(1-4:5-8)	1 : 1				-

◆ Dimension & Circuit (mm)



◆ Land Patterns (mm)

