

CEP1112



◆ Outline

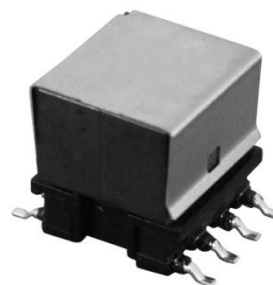
- Pulse transformer for Industry.

◆ Application

- Battery management system of Industry

◆ Features

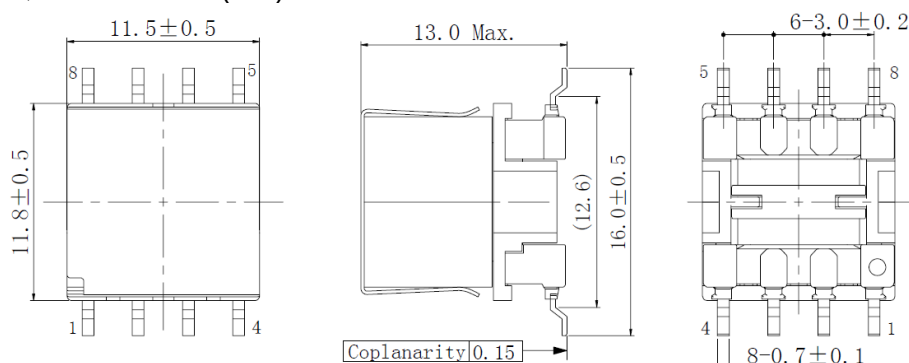
- SMD Type and 11mm square.
- High withstand Voltage : 4,000Vrms
- Operating temperature : - 40deg. ~ +125deg.



◆ Specifications

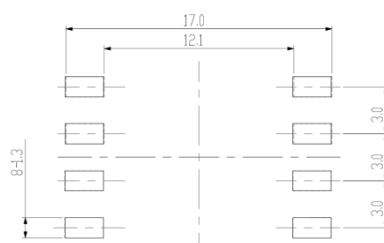
Item		Specification	Testing condition
Inductance	(1-4)	Min. 613 μ H	10 kHz, 20mV
Stray Capacitance	(1-4)	Max. 15.6 pF	6 MHz, 20mV
Interwinding Capacitance	(1-4-5-8)	Max. 2.2 pF	100 kHz, 20mV
Leakage Inductance	(1-4)	Max. 34.8 μ H	10kHz, 20mV, (5-8)shorted
D.C.R.	(1-4)	Max. 1.38 ohm	at 20 deg.
Withstand Voltage	(1-4-5-8)	AC4,000V, 60sec	0.5mA, 50Hz/60Hz
Turn Ratio	(1-4:5-8)	1 : 1	-

◆ Dimension (mm)



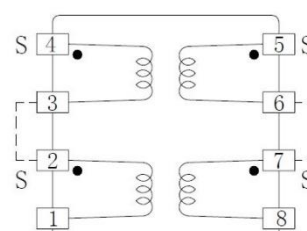
- * The dimension of terminals don't include the solder icicle.
- * Pin pitch shall be measured at the root of terminal.
- * Dimension without tolerance is reference value.

◆ Land Patterns (mm)



◆ Connection

(2,3) and (6,7) Pattern short



"S" indicates the winding start.
"●" indicates electric polarity.

Bottom view

Rev 1.0 (25 Jul. 2016)