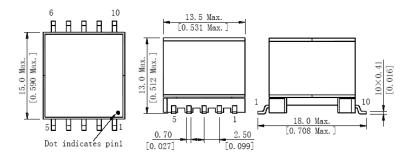
# Transformer for MAX5969+MAX5974E

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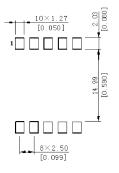
#### Descriptions

- 20w POE PD powered devices 802.3af/at compliance
- 17.7×13.5mm Max.(L×W),12.3mm Max. Height.
- xDSL line transformer.
- Ideally used in ADSL customer premises equipment, SHDSL&HDSL, splitter and VDSL.
- Approved by TI, Silicon Labs, Broadcom and Conexant.
- RoHS Compliance
- Sumida Type name : CEP1311F

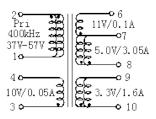
#### Dimensions (mm [inch])



#### Land patterns (mm [inch] )



#### Schematic (Bottom View)



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### Transformer for MAX5969+MAX5974E CEP1311F RoHS



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#### **Electrical characteristics**

Part No.	Item	Inductance (2-1)	Leakage Inductance (2-1)	D.C.R. (2-1)	D.C.R. (9-10)	D.C.R.(7-8)	D.C.R.(6-7)
CEP13 11F- ADBN- T03801	Specifications	50.0µH±15%	Max.1.0µH	Max. 140m $\Omega$	Max.11.0 $\mathrm{m}\Omega$	Max.9.0m $\Omega$	Max.110 $\mathrm{m}\Omega$
	Testing conditions	10kHz, 0.1Vrms	10kHz, 0.1Vrms (shored all other)	-	-	-	-
	Item	D.C.R.(3-4)	Turns ratio (2-1):(3-4)	Turns ratio (2- 1):(10-9)	Turns ratio (2- 1):(8-7)	Turns ratio (2-1):(7-6)	Hi-pot Primary to secondary
	Specifications	Max.170 m $\Omega$	1:0.500±3%	1:0.167±3%	1:0.083±3%	1:0.292±3%	AC 1,500Vrms
	Testing conditions	-	-	-	-	-	1mA, 2Sec, 50Hz/60Hz
	Item	Hi-pot Primary, secondary and Aux to Core	Hi-pot Primary to Aux				
	Specifications	AC 500Vrms	AC 500Vrms				
	Testing conditions	1mA, 2Sec, 50Hz/60Hz	1mA, 2Sec, 50Hz/60Hz				

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