

# 30 Watt POE+ Power Transformers



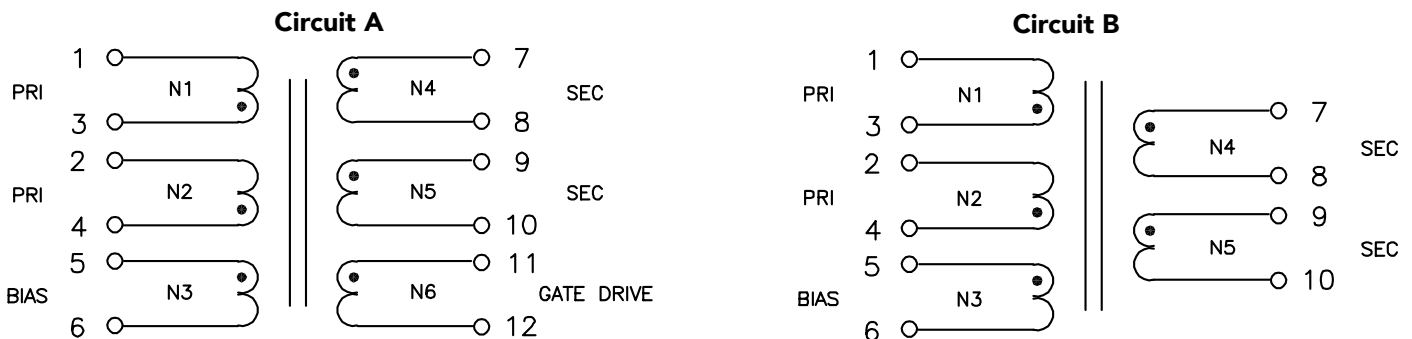
EFD20 Package for Akros Silicon AS1135



## Product Features:

- Designed for PoE+ isolated flyback DC/DC converter applications using the Akros Silicon AS1135
- Utilizes industry standard style footprint
- UL/EN60950 recognized
- Fully compliant to IEEE802.3at standard
- Isolation Voltage (PRI-SEC) 1,500Vrms
- Operating Temperature Range -40 to +85C

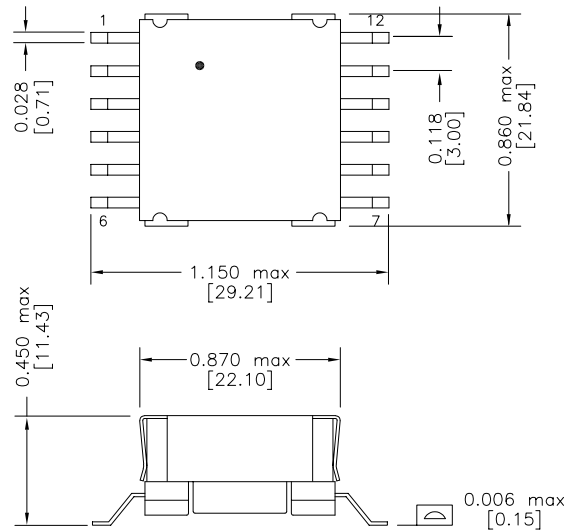
Part Number	Turns Ratio N1:N2:N3:N4:N5:N6	DCR (mΩ max)	PRI/OCL (μH ±10%)	PRI LL (μH ±10%)	Output Voltage	Circuit
TGSP-P026EFD20LF	1:1:0.25:0.2:0.2:0.25	50,300,10,300	40	0.8	5V	A
TGSP-P027EFD20LF	1:1:0.25:0.125:0.125:0.25	60,350,8,350	57	1.2	3.3V	A
TGSP-P028EFD20LF	1:1:0.167:0.333:0.333	150,300,50	112	1.5	12V	B



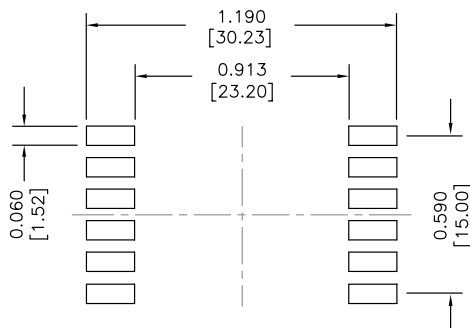
Primary windings (N1 and N2) and Secondary windings (N4 and N5) must be connected in parallel on the customer PCB.

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## EFD20 Package



Dimensions: Inch [mm]  
Tolerances: 0.006 Inch if not specified



Recommended  
Solder Pad Layout



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