

# Power Line Communications Modules

Isolation Transformer for Power Line Communications (PLC)



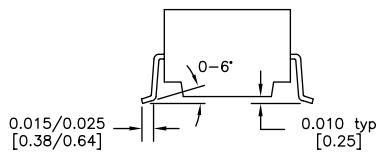
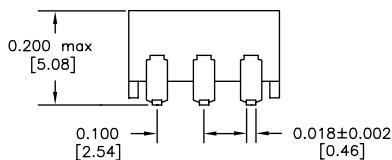
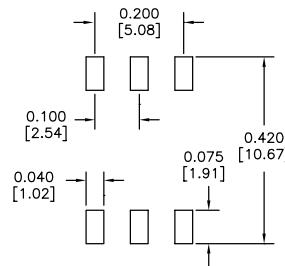
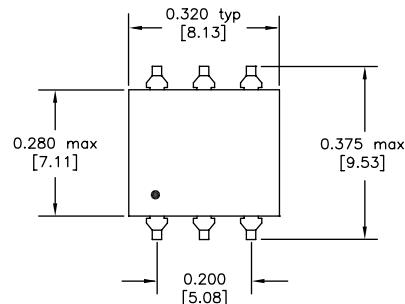
## Product Features:

- Designed for Power Line Communication Applications
- Optimized for Lumissil Microsystems® IS32CG5317 HomePlug Transceiver
- UL62368 Recognized

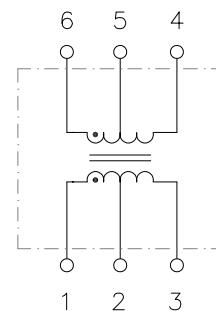
Part Number	Turns Ratio	Automotive Qualified	PRI OCL (μH typ)	PRI DCR (Ωmax)	Isolation Voltage (Vrms)	Temp. Range
TG04-1406NSLF	1CT:1CT	-	140	0.5	1,500	-40 to +125°C
TG04-APL7NSNL	1CT:1CT	AEC-Q200	140	0.5	1,500	-40 to +125°C

Notes:

- Additional turns ratios, isolation, and insulation parts available. Please contact [info@haloelectronics.com](mailto:info@haloelectronics.com) for more information.



Recommended Solder Pad Dimensions



Dimensions: inch [mm]  
Co-planarity: 0.004" [0.1]  
Tolerances: ±0.005" [0.13mm] if not specified

**HALO**  
ELECTRONICS, INC.  
(650) 903-3800  
[www.haloelectronics.com](http://www.haloelectronics.com)

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