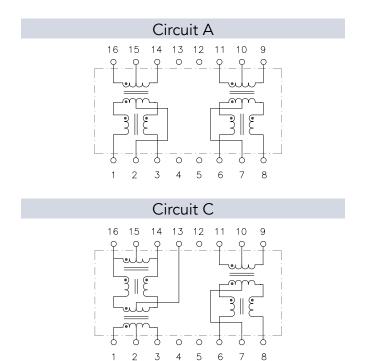
ULTRA[™] Family of Transformers

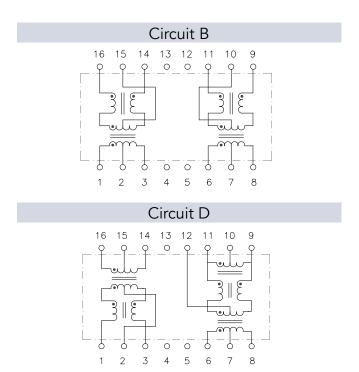


E-ULTRA™ Part Number	Circuit	Package	Temp. Range	Turns Ra (1-3:16-14)	tio ±3% (6-8:11-9)	Cw/w (pF)	PRI/SEC LL (µH max)	PRI DCR (Ω max)	RoHS¹
TG110-E050N5LF	А	N5	-40 to +85°C	1CT:1CT	1CT:1CT	35 max	0.4	1.0	Pb-Free
TG110-E050N5RL	А	N5	-40 to +85°C	1CT:1CT	1CT:1CT	40 max	0.4	1.0	RoHS (7a)
TG110-E055N5LF	В	N5	-40 to +85°C	1CT:1CT	1CT:1CT	35 max	0.4	1.0	Pb-Free
TG110-E055N5RL	В	N5	-40 to +85°C	1CT:1CT	1CT:1CT	40 max	0.4	1.0	RoHS (7a)
TG110-E120N5LF	В	N5	-40 to +85°C	2CT:1CT	1CT:1CT	40 max	0.9	1.3	Pb-Free
TG110-E120N5RL	В	N5	-40 to +85°C	2CT:1CT	1CT:1CT	40 max	0.9	1.3	RoHS (7a)
TG110-E125N5LF	В	N5	-40 to +85°C	1CT:1CT	2CT:1CT	40 max	0.9	1.1	Pb-Free
TG110-E125N5RL	В	N5	-40 to +85°C	1CT:1CT	2CT:1CT	40 max	0.9	1.1	RoHS (7a)
TG110-E139N5LF	В	N5	-40 to +85°C	1.25CT:1CT	1CT:1CT	30 typ	0.4	1.3	Pb-Free
TG110-E139N5RL	В	N5	-40 to +85°C	1.25CT:1CT	1CT:1CT	30 typ	0.4	1.3	RoHS (7a)

Notes:

- 1. Pb-Free parts are RoHS 6/6 compliant. RoHS (7a) parts contain lead per exemption 7a which is set to expire in July 2016.
- 2. Parts with RL suffix are not recommended for new designs.
- 3. Contact the factory or your local representative for individual datasheet or additional information.

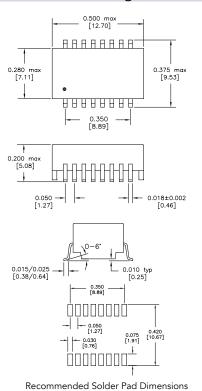




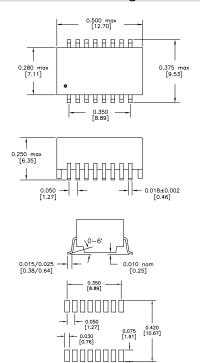
For additional information contact your local representative, or HALO's support staff at (650) 903-3800 or info@haloelectronics.com

HALO ULTRA 10/100BASE-TX Ethernet Transformers

N2 Package



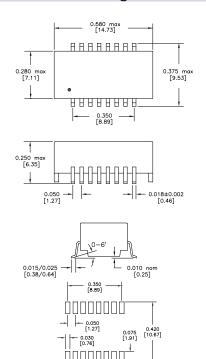
N5 Package



Recommended Solder Pad Dimensions

Dimensions: inch [mm]
Co-Planarity: 0.004 [0.10]

N6 Package



Recommended Solder Pad Dimensions

2880 Lakeside Drive #116
Santa Clara, CA 95054
(650) 903-3800
www.haloelectronics.com

HALO® Electronics is a leading supplier of high quality communication magnetics including signal transformers, filters, CMR chokes, PoE power transformers, DC/DC converters, and integrated Ethernet connectors. HALO's leading edge technology solutions are manufactured in ISO9001 and ISO14001 factories offering high quality products at a competitive price.