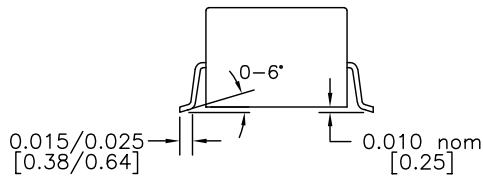
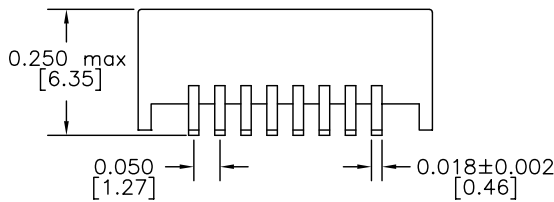
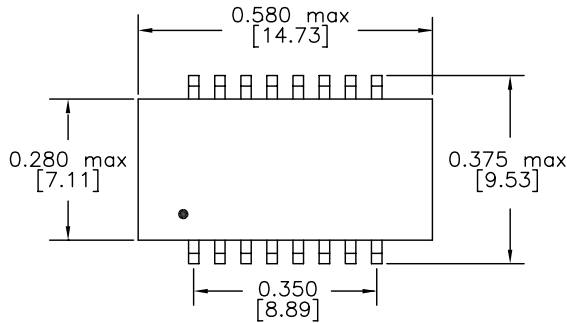


HALO Electronics is pleased to offer the Ultra-II™, the industry's first "Auto-Transformer" version SOIC-16 Fast Ethernet magnetics. The IEEE802.3 compliant Ultra™ series was originally developed by HALO as the first miniature 10/100 solution for real estate and cost sensitive applications. The Ultra-II™ now offers the same high performance while providing the TX auto-transformer for EMC sensitive applications.

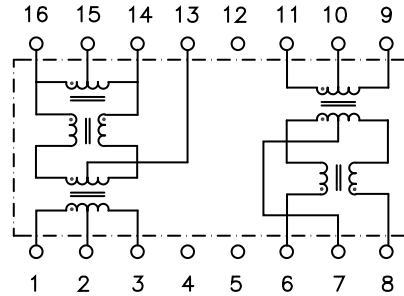


N6 Package



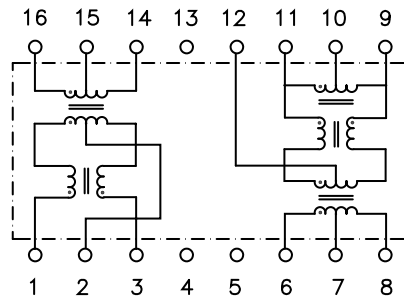
DIMENSIONS: Inch [mm]
CO-PLANARITY: 0.004 [0.10]

TG110-3506N6RL



* DO NOT HAVE EXTERNAL CONNECTION ON P13

TG110-S101N6RL



* DO NOT HAVE EXTERNAL CONNECTION ON P12

Electrical Specifications @ 25°C

Isolation Voltage: 1,500Vrms
 OCL @100KHz, 8mA: 350µH min
 Operating Temp: 0-70°C
 Crosstalk (0.1-100MHz): -40dB min

Patented Construction

US Pat Nbrs: 5,656,985 6,297,721 B1
 6,297,720 B1 6,320,489 B1
 6,344,785 B1 6,662,431 B1

Part Number	Turns Ratio ±3% 1CT:1CT / 1CT:1CT TX / RX	CMR (0.1-100MHz) (dB typ)	PRI/SEC Cw/w (pF typ)	PRI DCR (max)
TG110-3506N6RL	(1-3:16-14) / (6-8:11-9)	-40	30	1.0
TG110-S101N6RL	(6-8:11-9) / (1-3:16-14)	-40	30	1.0