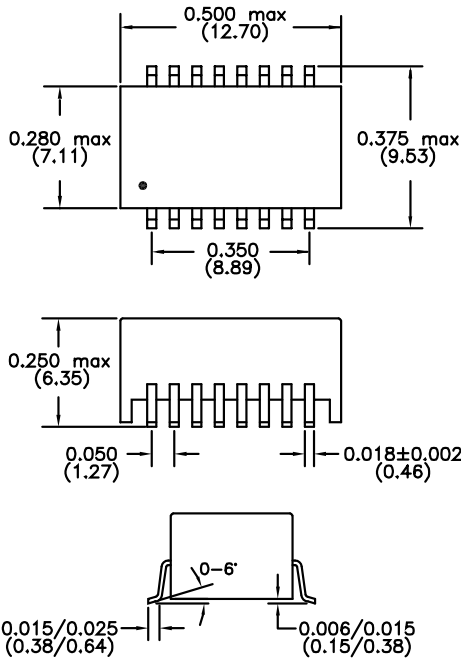


HALO Electronics is pleased to offer the RP-Ultra™, the industry's first "PoE" version of the small footprint SOIC-16. IEEE802.3af compliant with 350 mA current capability in both commercial and industrial temperature ranges. The RP-Ultra™ is ideal for VoIP phones, wireless base stations and most remote power applications.

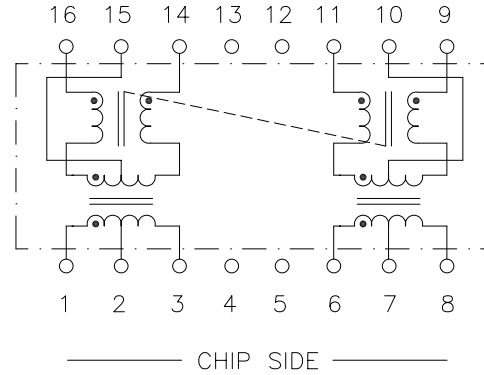


N5 Package



DIMENSIONS : Inch(mm)
CO-PLANARITY : 0.004(0.10)

Circuit Diagram



Electrical Specifications @ 25°C

Isolation Voltage:	1,500Vrms	
Insertion Loss (0.1-100MHz):	1.1dB max	
CMR (0.1-100MHz):	-38dB typ	
Crosstalk (0.1-100MHz):	-38dB	
OCL @ 100KHz, 8mA:	350µH (over full temp. range)	
Return Loss		
0.5-30MHz:	-18dB min	
40MHz:	-15.5dB min	
50MHz:	-13.6dB min	
660-80MHz:	-12dB 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% (1-3:16-14) / (6-8:11-9)	Temp Range	PRI/SEC	PRI
			Cw/w (pF typ)	DCR (Ω max)
TG110-RP55N5RL	(1CT:1CT) / (1CT:1CT)	0 to 70C	25	0.9
TG110-RPE5N5RL	(1CT:1CT) / (1CT:1CT)	-40 to 85C	25	1.0