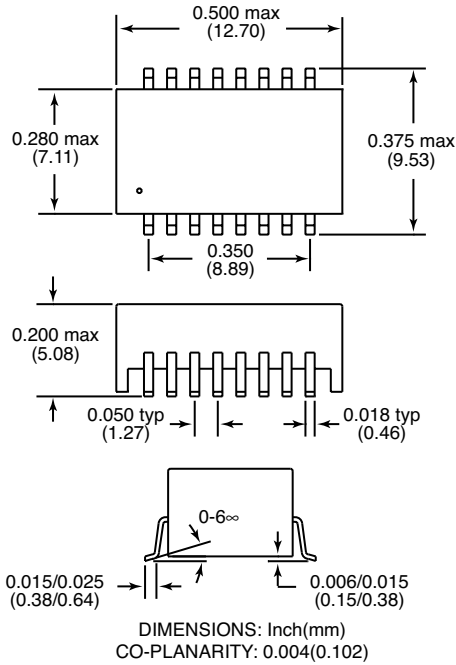


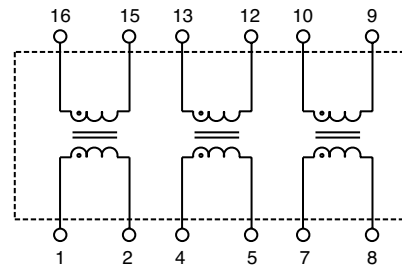
HALO has developed this standard series of SMD AUI Isolation Modules to meet the requirements of IEEE 802.3 for 10BASE2, 10BASE5 and 10BASE-T. UL60950, IEC60950 and EN60950 recognized. Please visit [www.haloelectronics.com/aii-coax-magnetics.html](http://www.haloelectronics.com/aii-coax-magnetics.html) for our AUI/COAX selector guide.



### Package N



### Schematic



### 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

### Electrical Specifications @ 25°C

Isolation: 1,500Vrms  
Insulation Resistance: 10,000 MΩ



Part Number	OCL ( $\mu\text{H} \pm 20\%$ )	Turns Ratio ( $\pm 5\%$ )	Rise Time (ns max)	PRI / SEC Cw/w (pF max)	PRI LL ( $\mu\text{H} \text{ max}$ )	DCR ( $\Omega \text{ max}$ )
TG01-0506NRL	50	1:1	3.0	7	.15	.20
TG01-0756NRL	75	1:1	3.0	7	.15	.20
TG01-1006NRL	100	1:1	3.0	10	.20	.20
TG01-1506NRL	150	1:1	3.0	12	.20	.25