

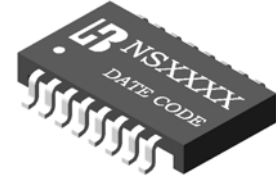
# 10 BASE ISOLATION TRANSFORMERS PCMCIA

462 Boston St - Topsfield, MA 01983 - Phone: 978-887-8050 - Fax: 978-887-5434

- SMD and PCMCIA AUI isolation Modules to meet the requirements of IEEE 802.3 for 10 Base2 10 Base5 and 10 Base-t
- Storage temperature range: -40°C to +125°C

## Electrical Specifications @ 25°C Operating Temperature range: 0°C to +70°C

- Note: NS060
1. OCC: 7pF Max @ 15MHz
  2.  $OCZ_{PEAK-TX}$ : 400 Ω Min @ 5MHz to 20MHz
  3.  $OCZ_{PEAK-CK}$ : 400 Ω Min @ 5MHz to 20MHz
  4.  $OCZ_{PEAK-RX}$ : 900 Ω Min @ 5MHz to 20MHz
  5. Interwinding Capacitance:  $C_{TX, RX \& CK}$ : 7pF Max
  6. Input Power :  $P_{ACTYP}$ : 20mW
  7. Common Mode Rejection: -30dB Min @ 5MHz



Part Number	Turn ratio (±5%)		OCL (uH Min)	CW/W (pF Max)	DCR (Ω Max)	L.L (uH Max)	HI-POT (Vrms)	Rise Time (nS Max)	Insulation resistance (MΩ)
	RX	TX							
NS060	1:1		60	7	-	-	1500	-	-
NS100	1:1		100	10	0.32	0.2	2000	3.0	10.000

## Mechanical & Schematics

### NSXXX

