YCL

10 Base T Low Pass Filter
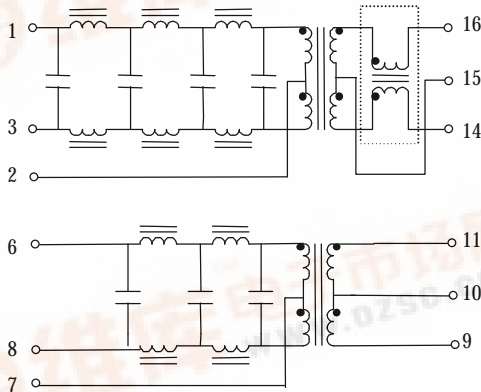
♦ Designed to meet IEEE 802.3 Requirement.

♦ Isolation : 1500Vrms

♦ High attenuation from 7th & 5th order filter used for TX&RX signal respectively.

Specifications

Model No: 20F001/20F001N					
Parameter	Condition	Min	Typ	Max	Unit
Insertion loss	@1-10MHz			-1.0	dB
Return loss(TX &RX)	@5-10MHz	-15.0			dB
Cut off frequency	@17MHz±2MHz		-3.0		dB
Cross talk	@1-10MHz	-35.0			dB
CMRR	@1-100MHz	-30.0			dB
Attenuation(TX &RX)	@30MHz	-32/-20			dB
	@50MHz	-35			dB
	@100MHz	-35			dB

Schematic :

Dimension :

6.35 (.250)

3.30 (.130)

7.62 (.300)

0.50*t0.25±0.05 (.020*t.010±.002)

P=2.54*7=17.78 (P=.100*7=.700)

20.32 (.800)

7.62 (.300)

10.30 (.406)

Note : 20F001 without common mode choke

Date : Jan.03,2000