

10BASE MODUES

10BASE-T LOW PASS FILTER



FEATURES

- IEEE 802.3 and IEEE 802.5 compatible
- Low insertion loss characteristics
- Cost effective designs.

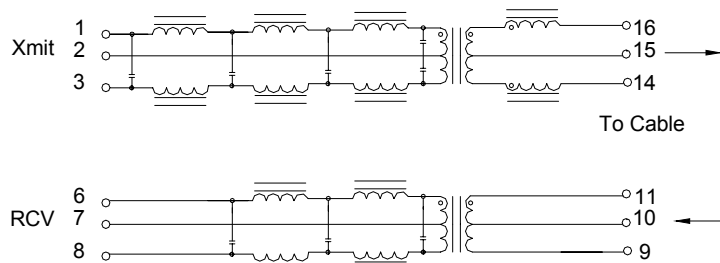
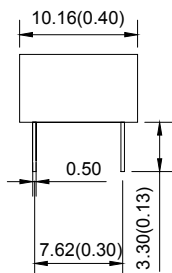
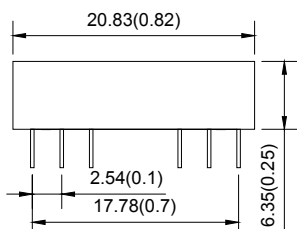
Electrical Specifications @25°C---Operating Temperature 0°C~70°C									
Part No.	Insertion Loss (dB max) 1~10MHz	Attenuation (dB min)			Return Loss 1~10MHz (dB min)	Crosstalk (dB min)	Common Mode Rejection (dB min)		Hi-Pot (Vrms min)
		Frequency	TX	RX			50MHz	100MHz	
20F-01A	-1.0	20MHz	-7	-6	-18	-30	-35	-30	1500
		25MHz	-19	-14					
		35MHz	-32	-20					
		40~100MHz	-35	-31					

Common choke specification:

- Primary inductance (LP):18-36uH,
- Leakage inductance(LL):0.3uH.
- Primary capacitance(Cww):25pF.

Dimension: mm(inch)+/-0.25(0.01)

Schematic



10BASE-T LOW PASS FILTER P/N:20F-01



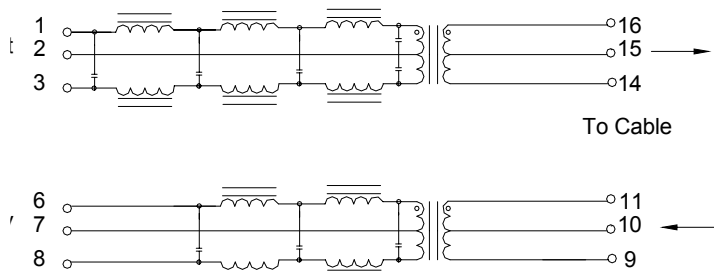
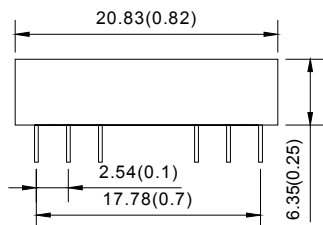
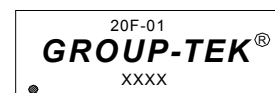
FEATURES

- IEEE 802.3 and IEEE 802.5 compatible
- Designed to meet AMD 79C98.AT& T T7220& NS DP83922 Chip set requirements.
- Low insertion loss characteristics
- Cost effective designs.

Electrical Specifications @25°C---Operating Temperature 0°C~70°C									
Part No.	Insertion Loss (dB max) 1~10MHz	Attenuation (dB min)			Return Loss 1~10MHz (dB min)	Crosstalk (dB min)	Common Mode Rejection (dB min)		Hi-Pot (Vrms min)
		Frequency	TX	RX			50MHz	100MHz	
20F-01	-1.0	20MHz	-7	-6	-18	-30	-35	-30	1500
		25MHz	-19	-14					
		35MHz	-32	-20					
		40~100MHz	-35	-31					

Dimension: mm(inch)+/-0.25(0.01)

Schematic



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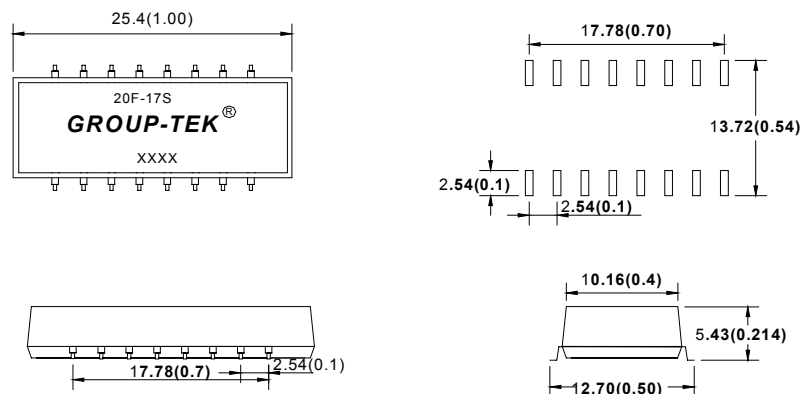


FEATURES

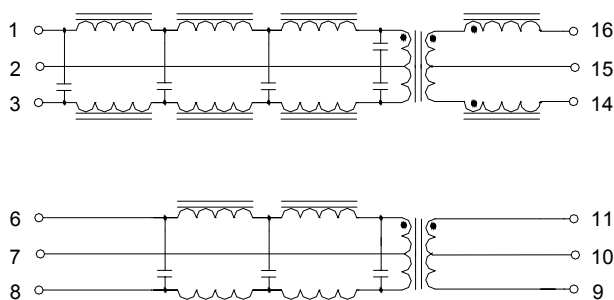
- Meet IEEE802.3i 1993 specifications
- Low profile surface mount package
- Enhanced transmit side design for FCC/VDE class B System emissions requirement.
- 235°C peak infrared reflow temperature rating.

Electrical Specifications @25°C---Operating Temperature 0°C~70°C								
Part No.	Insertion Loss (dB MAX) 1-10 MHz	Attunation (dB MIN)				Return Loss (dB MIN)	Crosstalk (dB MIN)	Hi-pot
		20MHz TX/RX	25MHz TX/RX	35MHz TX/RX	40MHz TX/RX			
20F-17S	1.0	7/6	19/14	32/20	35/31	15	30	1500 (Vrms MIN)

Dimension: mm(inch)+/-0.25(0.01)



Schematic



To Cable