

10/100 Base TX Transformer Designed for general Chipsets

YCL

Model No.: 20PMT03

Feature:

Designed to meet IEEE802.3u Requirement.

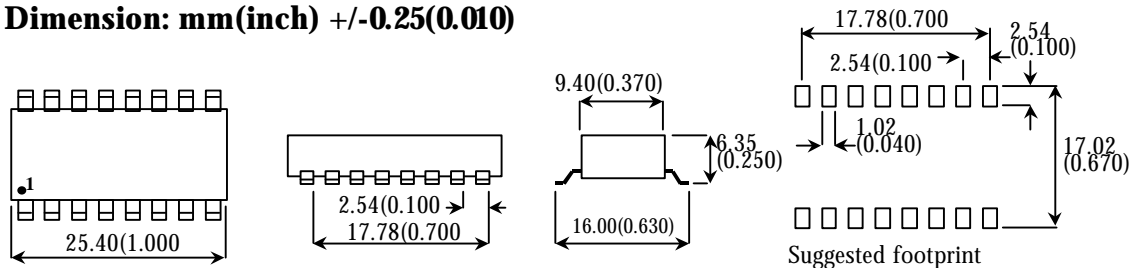
Designed to meet IR 235 Degree C Peak Requirement.

Specifications: At 25 degree C.

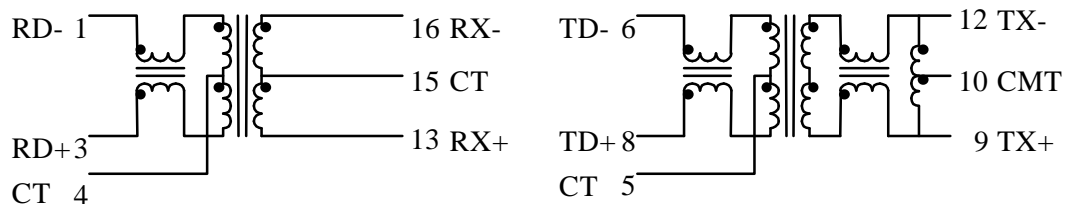
1. Primary inductance (Lp): 350 μ H min. @ 100Khz/100mV/8mAdc bias.
2. Leakage inductance (LL): 0.9 μ H max. @ 100Khz/100mV.
3. Primary Capacitance (Cww): 18pf max.
4. Turn Ratio: TX: 1CT:1CT, RX: 1CT:1CT

Parts no.	Insertion Loss (dB max) 1-125MHz	Rise Time (ns typical)	Return Loss (dB typical)		CMRR (dB min)		Crosstalk (dB min)		Isolation Voltage (Vrms min)
			MHz		MHz		MHz		
			0.1-60	60-100	0.1-60	60-100	0.1-60	60-100	
20PMT03	-1.1	2.5	-18TX /-17RX	-13TX /-15RX	-42TX /40RX	-40TX /-35RX	-40	-38	1500

Dimension: mm(inch) +/-0.25(0.010)



Schematic:



Prepared: Dennis Hsieh
Drawing no.: 20PMT03

Approved: Jess Kuo
REV: 0

Date: Mar 31,1997.
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