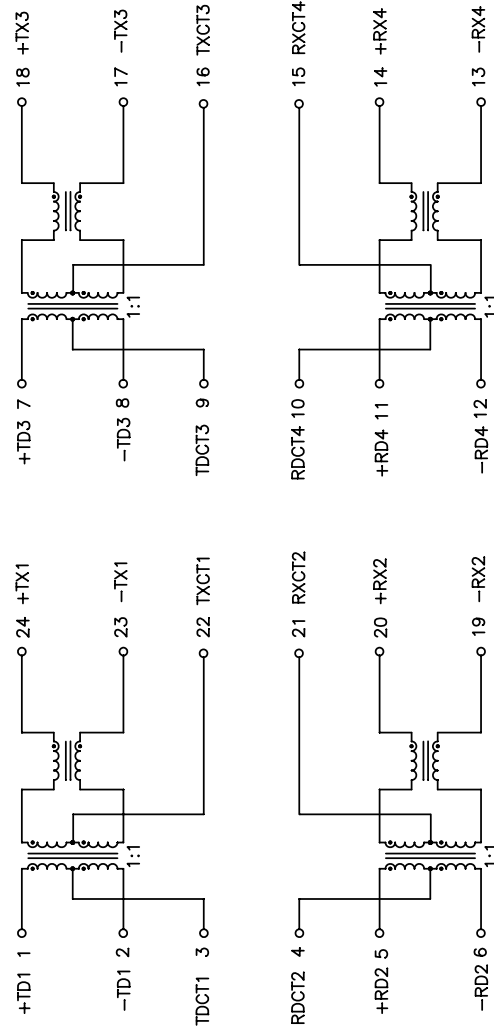




SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C

PARAMETER	SPECIFICATIONS			
OPERATING TEMP	0°C – 70 °C			
URNS RATIO	1 : 1 ±2%			
POLARITY	PER SCHEMATIC			
INSERTION LOSS	100 KHz	1–125 MHz		
	–1.2 dB MAX	–0.2–0.002*f ^{~1.4} dB MAX		
	.1–30 MHz	30–60 MHz	60–80 MHz	
	–16 dB MIN	–10+20*LOG ₁₀ (f/60 MHz) dB MIN		
RETURN LOSS, 100BT (Z OUT = 100 OHM ±15%)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS) (AND WITH 8 mA DC BIAS)		
INDUCTANCE (OCL) (MEDIA SIDE, 0°C–70°C)	1 MHz	10–100 MHz		
CROSSTALK, ADJACENT CHANNELS	–50 dB MIN	–55+22*LOG ₁₀ (f/10) dB MIN		
	2 MHz	30–200 MHz		
COMMON MODE REJECTION RATIO	–50 dB MIN	–15+20*LOG ₁₀ (f/200) dB MIN		
	DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX		
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)			
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS			

NOTE: f IS FREQUENCY IN MHz.

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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./	PART NO.	REV.
	MDL,DUAL,100D,1:1,SM,TU	PS-2760.001-A	2		H1270FNL	MP1