



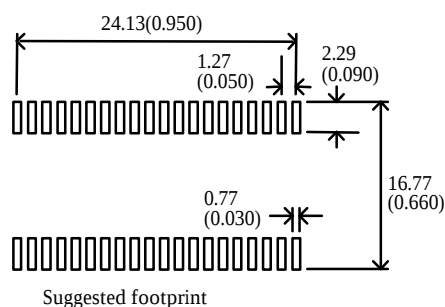
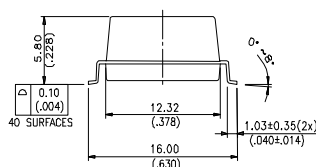
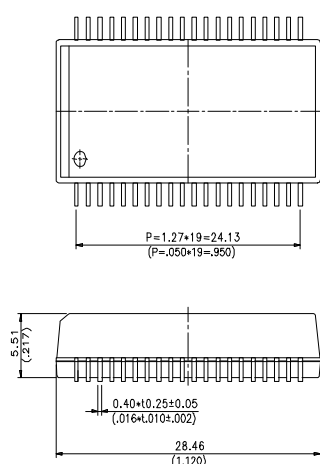
- ◆ Designed to meet IEEE802.3u requirement.
- ◆ Primary inductance 350μH min. with 8mA DC Bias
- ◆ Designed to meet IR 235°C peak requirement.
- ◆ 1500Vrms Isolation.

Electrical Characteristic @25°C

Model No.	Turn Ratio TX/RX	Insertion Loss dB Typ 0.1-100MHz	Return Loss dB 30/60/80MHz	Cross Talk dB Typ 60/100MHz	Schematic
PH406010	1.25:1/1:1	1.0	-16/note/-10	-40/-38	S-1
PH406025	1.25:1/1:1	1.0	-16/note/-10	-40/-38	S-2
PH406031	1.25:1/1:1	1.0	-16/note/-10	-40/-38	S-3
PH406212	1.25:1/1:1	1.0	-16/note/-10	-40/-38	S-4
PH406225	1.25:1/1:1	1.0	-16/note/-10	-40/-38	S-5
PH406363	1.25:1/1:1	1.0	-16/note/-10	-40/-38	S-6

Note : Greater than 16-20log(f/30MHz)dB

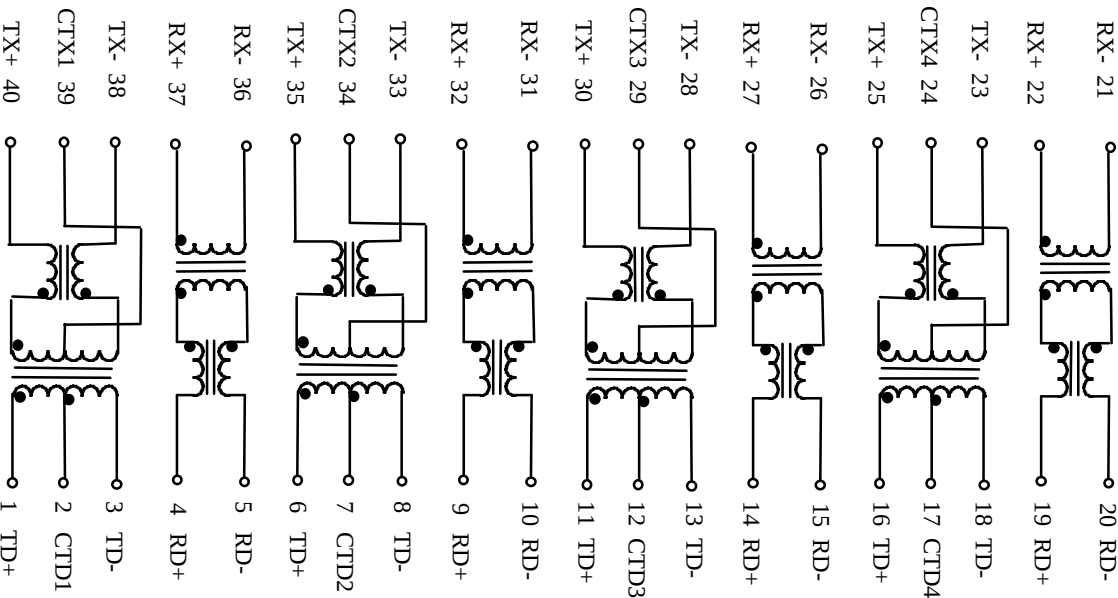
Dimension



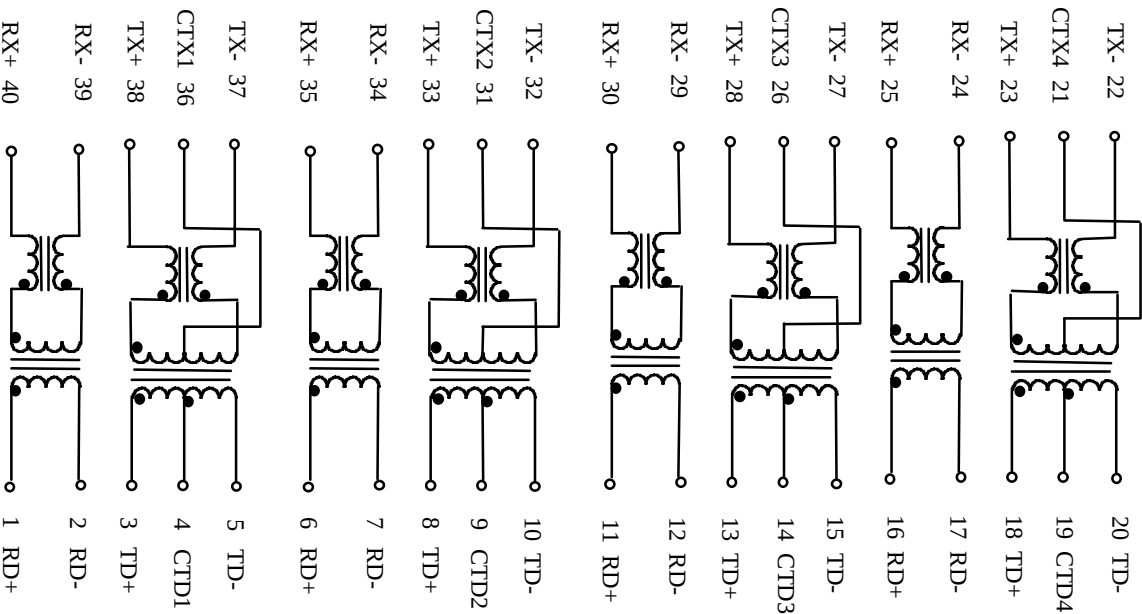
Suggested footprint

Schematic

S-1

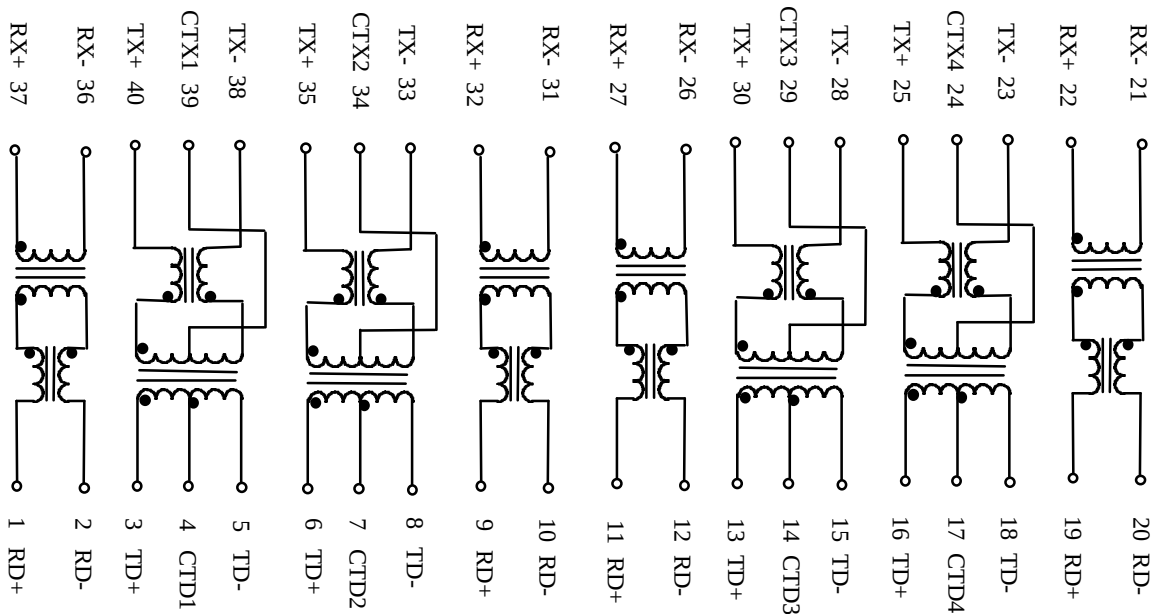


S-2

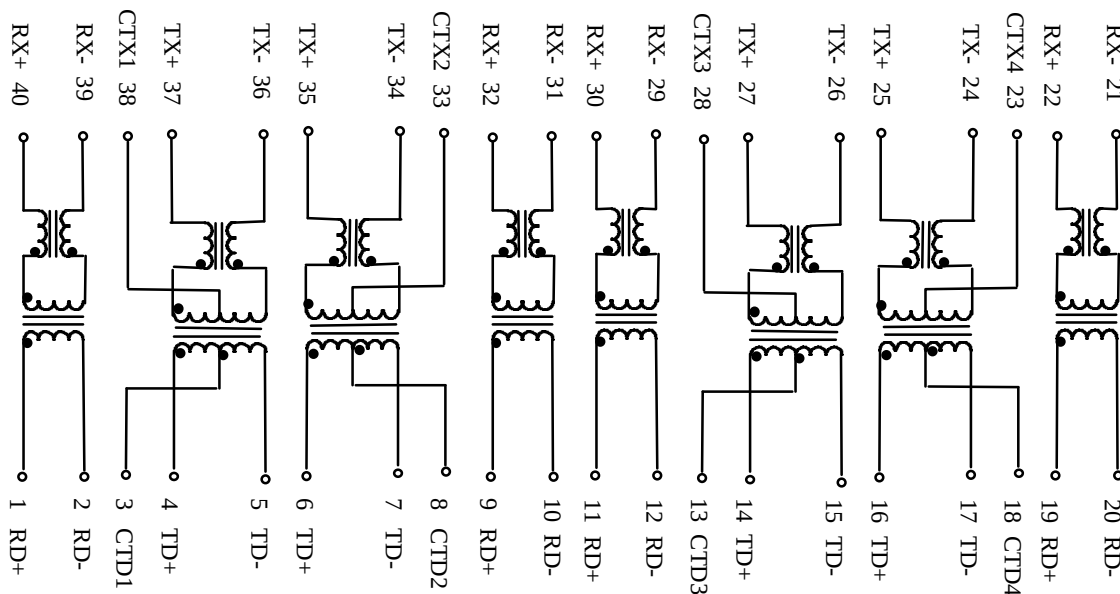


Schematic

S-3

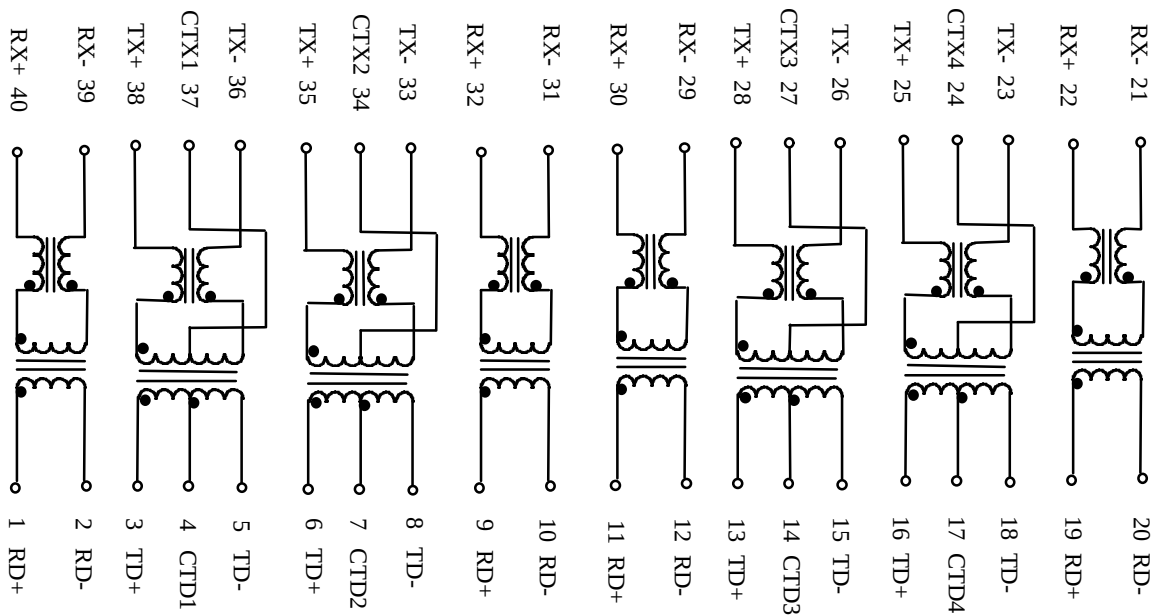


S-4



Schematic

S-5



S-6

