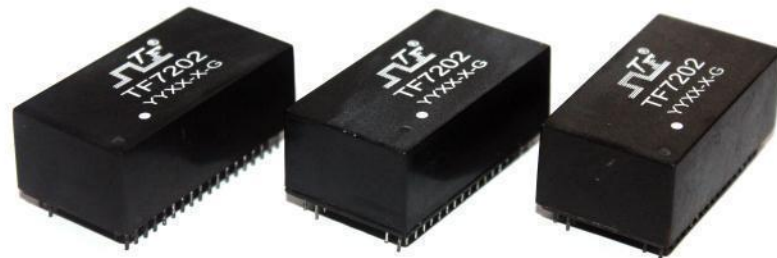


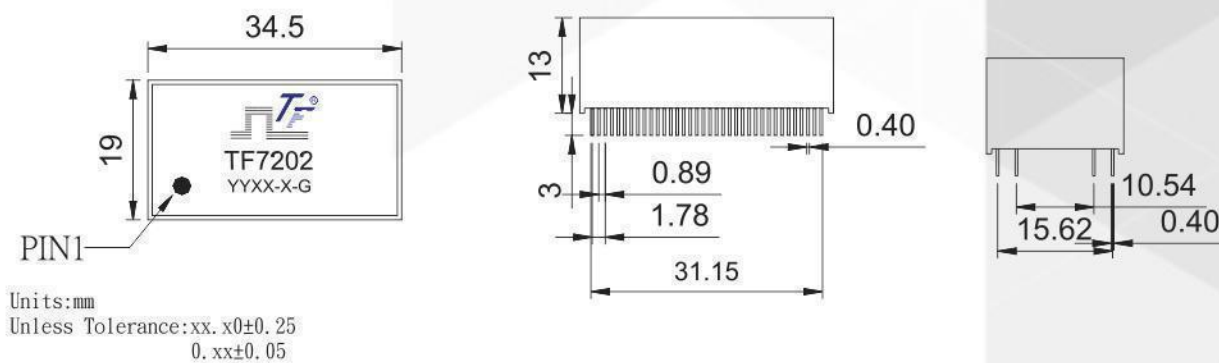
72PIN series 1000Base-Tx Magnetics Module

- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 350uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Designed for Ethernet 1000 BASE-T, full Quad port applications. Supports 16 pairs of category 5 UTP cable.
- ◆ Cable interface for isolation and low common mode emissions. Supports 16 pairs of category 5 UTP cable.
- ◆ Compliance with ROHS requirements.
- ◆ Ambient temperature 0°C to 70°C
- ◆ Storage temperature Component: -25°C to +85°C.

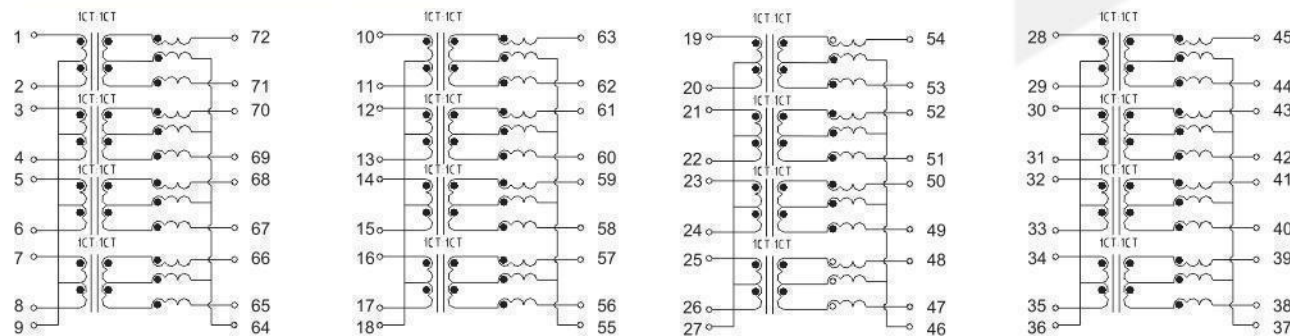


Part Number	Turns Ratio		OCL (uH Min)	Insertion Loss (dB Max)	Return Loss (dB Min)@Load 100Ω					DCMR (dB Min)			Crosstalk (dB Min)			Hipot (Vrms MIN)
	TX	RX			1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz
TF7202	1CT:1CT	1CT:1CT	350	-1.0	-18	-14.4	-13.1	-12	-10	-40	-35	-30	-40	-35	-30	1500

Mechanicals TF7202



Schematic



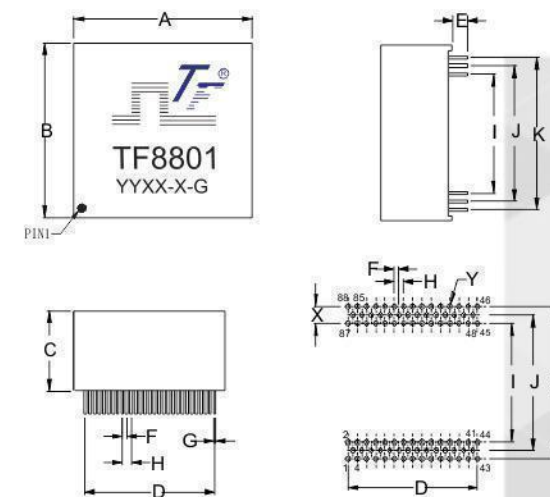
88PIN series 1000Base-Tx Magnetics Module

- ◆ Compliant with IEEE 802.3 standard including baseline wander compensation specification of 350uH OCL when Biased at 8mA from 0°C to 70°C
- ◆ Designed for Ethernet 1000 BASE-T, full Quad port applications.
- ◆ Supports 16 pairs of category 5 UTP cable.
- ◆ Cable interface for isolation and low common mode emissions.
- ◆ Supports 16 pairs of category 5 UTP cable.
- ◆ Compliance with ROHS requirements.
- ◆ Ambient temperature 0°C to 70°C

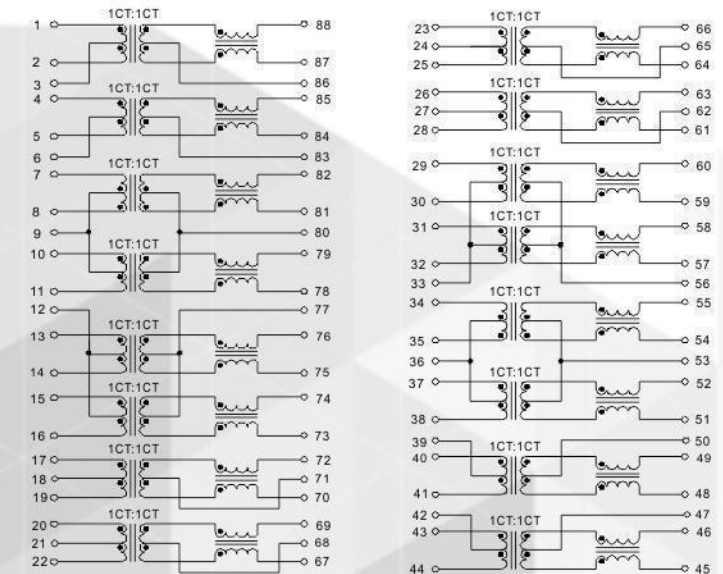


Part Number	Turns Ration		OCL (uH Min)	Insertion Loss (dB Max)	Return Loss (dB Min)@Load 100Ω					DCMR (dB Min)			Crosstalk (dB Min)			Hipot (Vrms MIN)
	TX	RX	280 uH Min. @ 100 KHz, 200mV with 18mA DC Bias(POE+)	1-100MHz	1-30MHz	40MHz	50MHz	60-80MHz	100MHz	30MHz	60MHz	100MHz	30MHz	60MHz	100MHz	
TF8801	1CT:1CT	1CT:1CT	280	-1.0	-18	-14.4	-13.1	-12	-10	-40	-35	-30	-40	-35	-30	1500

Mechanicals TF8801



Schematic



DIM	MILLIMETERS		INCHES	
	MIN	MAX	MIN	MAX
A	28.75	29.25	1.132	1.152
B	26.25	26.75	1.033	1.053
C	13.25(max)		0.522(max)	
D	24.92(typical)		1.226(typical)	
E	2.95	3.45	0.116	0.136
F	0.89(typical)		0.035(typical)	
G	0.35(typical)		0.014(typical)	
H	1.78(typical)		0.070(typical)	
I	18.00(typical)		0.709(typical)	
J	20.54(typical)		0.809(typical)	
K	23.08(typical)		0.909(typical)	
X	2.54(typical)		0.100(typical)	
Y	φ0.90(typical)		φ0.035(typical)	