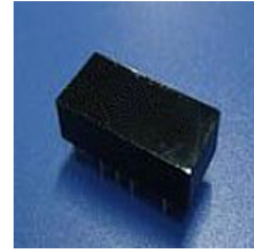


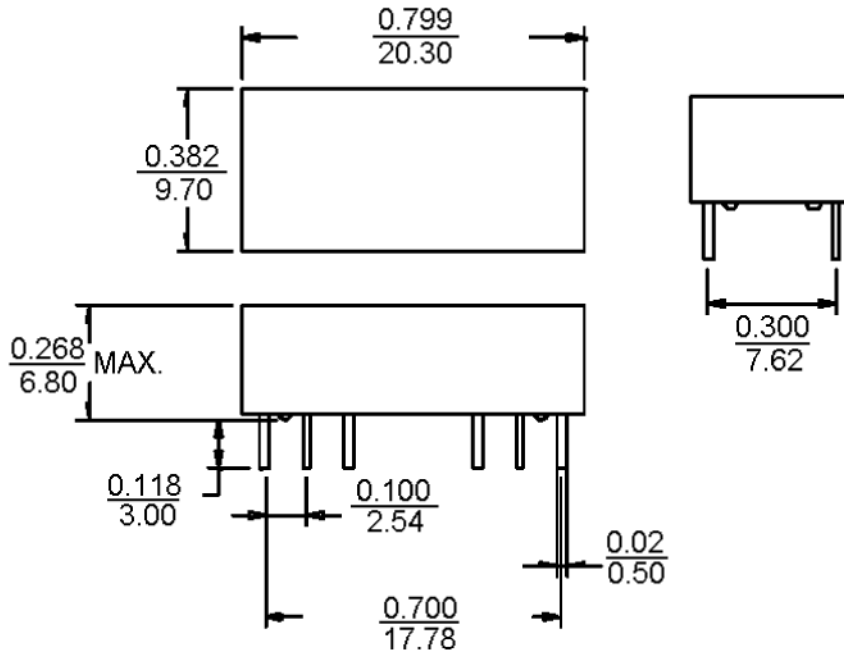
FEATURES

- Compliant with IEEE 802.3u and ANSI X3.263 standards including 350uH OCL with 8mA Bias.
- Operating temperature range: 0°C to +70°C
- Storage temperature range:-25°C to +105°C.



ELECTRICAL SPECIFICATIONS @25°C-Operating temperature 0°C TO 70°C											
Part Number	Turns Ratio(±5%)		Insertion Loss (dB MAX) 0.3-100 MHz	Return Loss (dB MIN @100Ω)					Crosstalk (dB MIN) 0.3-100MHz	DCMR (dB MIN) 0.3-100MHz	Hipot (Vrms)
	Transmit	Receive		30 MHz	40 MHz	50 MHz	60 MHz	80 MHz			
TC-13F11	1CT:1	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F12	1CT:1CT	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F12A	1CT:1CT	1CT:1CT	-1.1	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F13	1CT:1CT	1CT:1CT	-1.0	-16	-13	-13	-13	-10	-38	-30	1500
TC-13F14	1CT:1CT	1:1	-1.1	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F15	1CT:1CT	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F16	1CT:1CT	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F17	1CT:1	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F17A	1CT:1CT	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F18	1CT:1	1CT:1CT	-1.15	-16	-14	-13.5	-13	-12	-35	-30	1500
TC-13F19	1CT:1	1CT:1	-1.0	-16	-13.5	-11.5	-10	-10	-38	-30	1500
TC-13F1A	1CT:1CT	1CT:1CT	-1.0	-16	-14	-13.1	-12	-12	-35	-30	1500

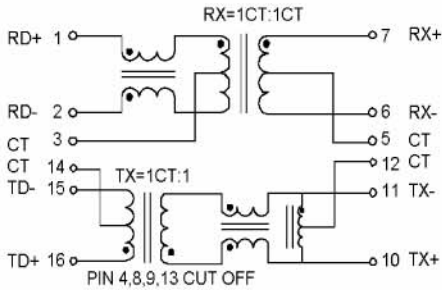
Mechanicals



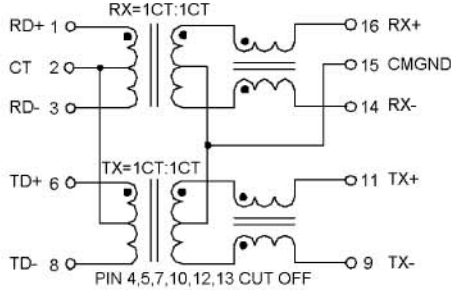
Unit: $\frac{\text{inch}}{\text{mm}}$ Tolerances: $xx.x0 \pm \frac{0.010}{0.25}$; $0.xx \pm \frac{0.002}{0.05}$

SCHEMATICS:

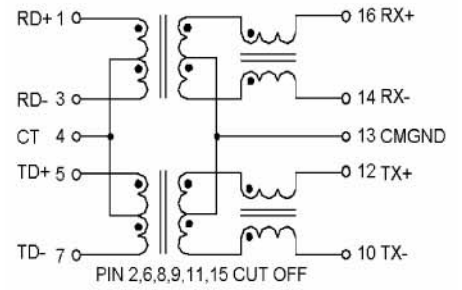
TC- 13F11



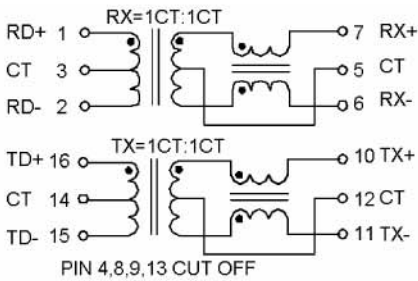
TC- 13F12



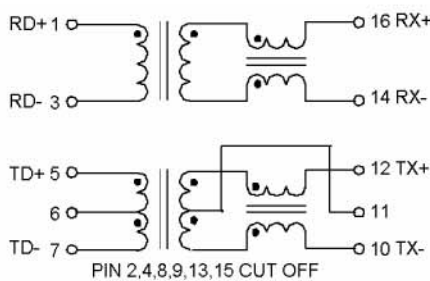
TC- 13F12A



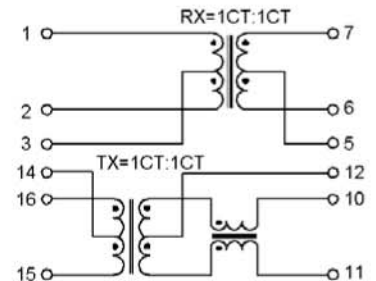
TC- 13F13



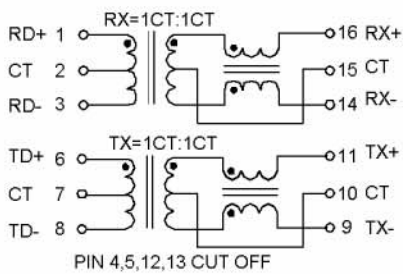
TC- 13F14



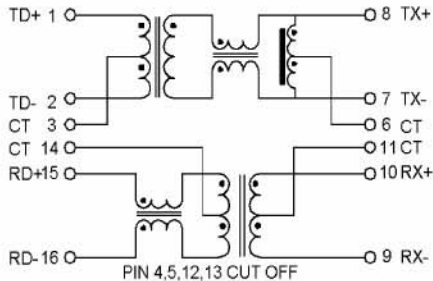
TC- 13F15



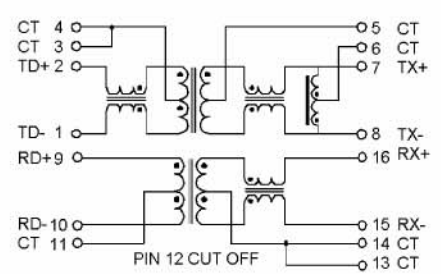
TC- 13F16



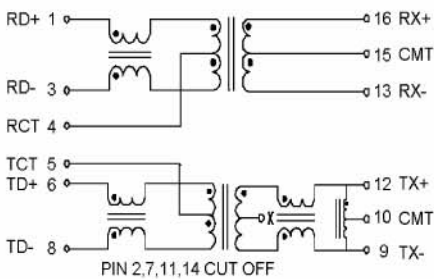
TC- 13F17



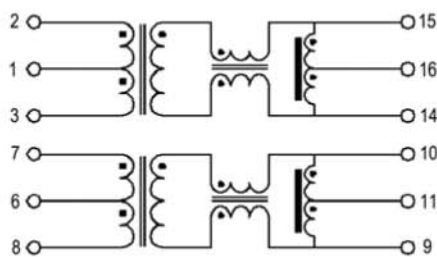
TC- 13F17A



TC- 13F18



TC- 13F19



TC- 13F1A

