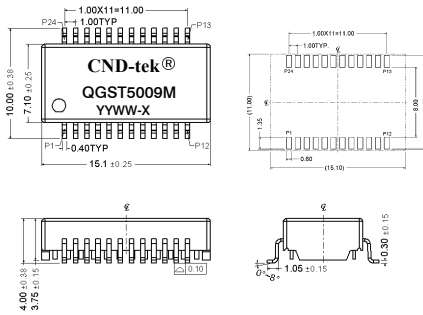


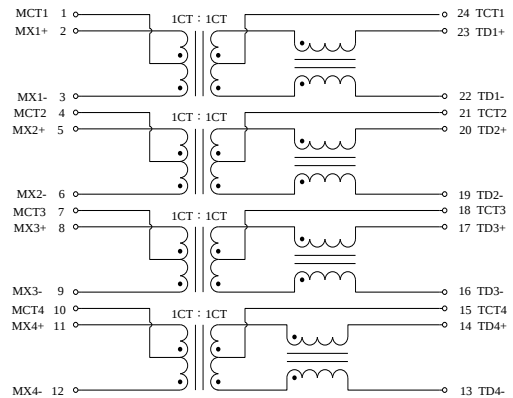
1. Designed for Ethernet 5G Base-T, full Single port applications.
2. Supports 4 pairs of category 6 or greater cable.
3. Cable interface for isolation and low common mode emissions
4. Design to meet IEEE 802.3af with 350mA balanced current.
5. Compliance with RoHS&Halogen Free requirements.



DIMENSIONS & SCHEMATICS



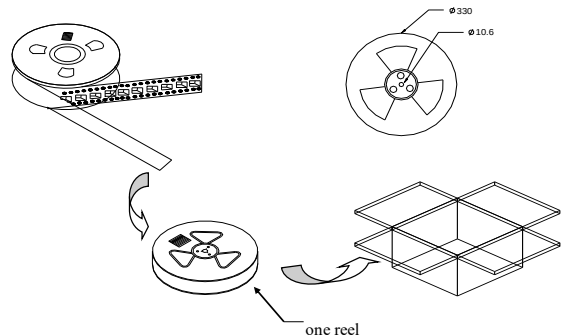
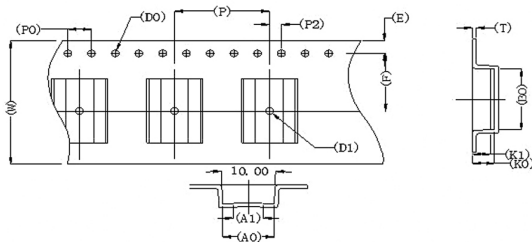
Note: 1、Dimension: mm
2、Unless otherwise specified,all tolerances are: $\pm 0.15\text{mm}$



TECHNICAL SPECIFICATIONS

OCCL :	160 μ H Min. @ 100 KHz, 0.1V with 8mA DC Bias
Leakage Inductance:	0.35 μ H Max. @ 100KHz, 0.1V
Cw/w:	35 pF Max. @ 100KHz, 0.1V
DCR:	1.00 Ω Max
Turns Ratio ($\pm$ 5%):	1CT:1(TX), 1CT:1(RX)
Insertion Loss:	-0.5 dB Max. @ 1-50MHz
	-1.0 dB Max. @ 50-125MHz
	-2.0 dB Max. @ 125-200MHz
	-2.5 dB Min. @200-250MHz
Return Loss:	-20 dB Min. @ 1-50 MHz
	-20 + 15*log(f/40) dB Min. @ 50-250 MHz
Cross Talk:	-30 dB Min.@ 1-125 MHz
	-25 dB Min.@ 125-250 MHz
Common Mode Rejection :	-25 dB Min.@ 1-200 MHz
	-20 dB Min.@ 200-250 MHz
Isolation HI-POT:	1500Vrms
Operating Temperature range:	-40 $^{\circ}$ C $\sim$ +85 $^{\circ}$ C
Storage temperature range:	-40 $^{\circ}$ C $\sim$ +125 $^{\circ}$ C

PACKING SPECIFICATION



1. units/reel:850PCS
2 reel/carton:5PCS
3.units/carton :4250PCS

Shenzhen magnetic Lianda Electronics Co., LTD

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