

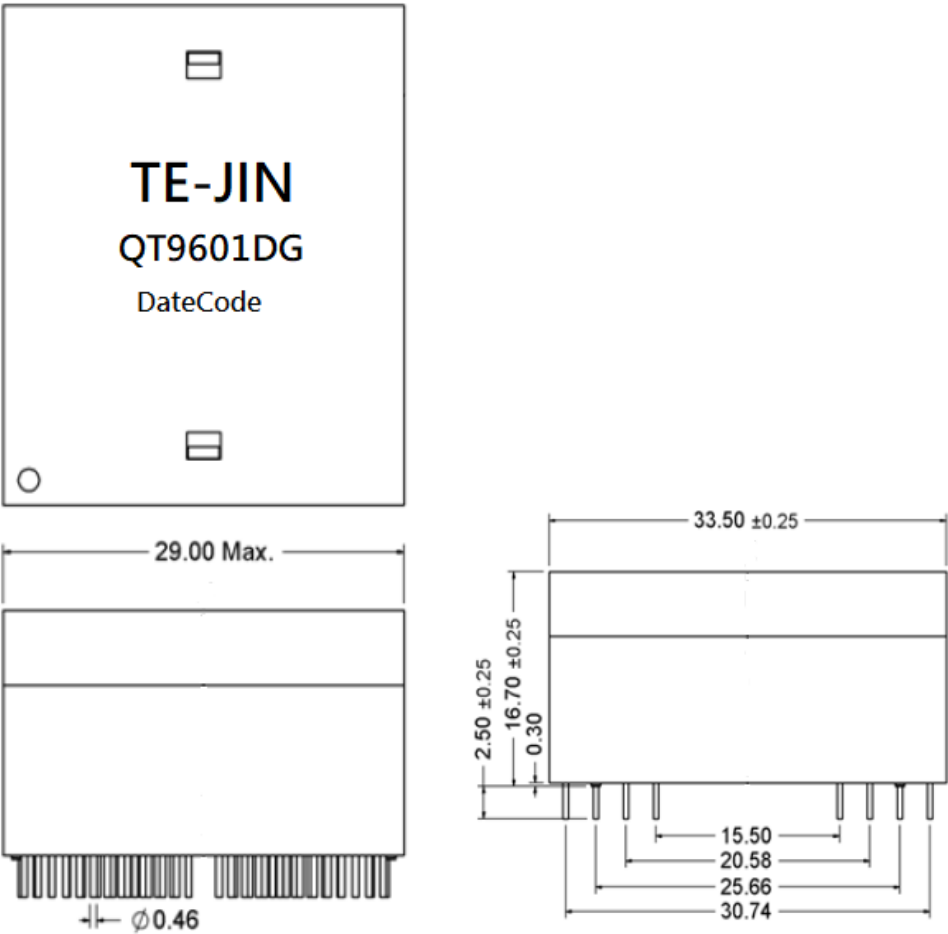
LAN COMPONENTS

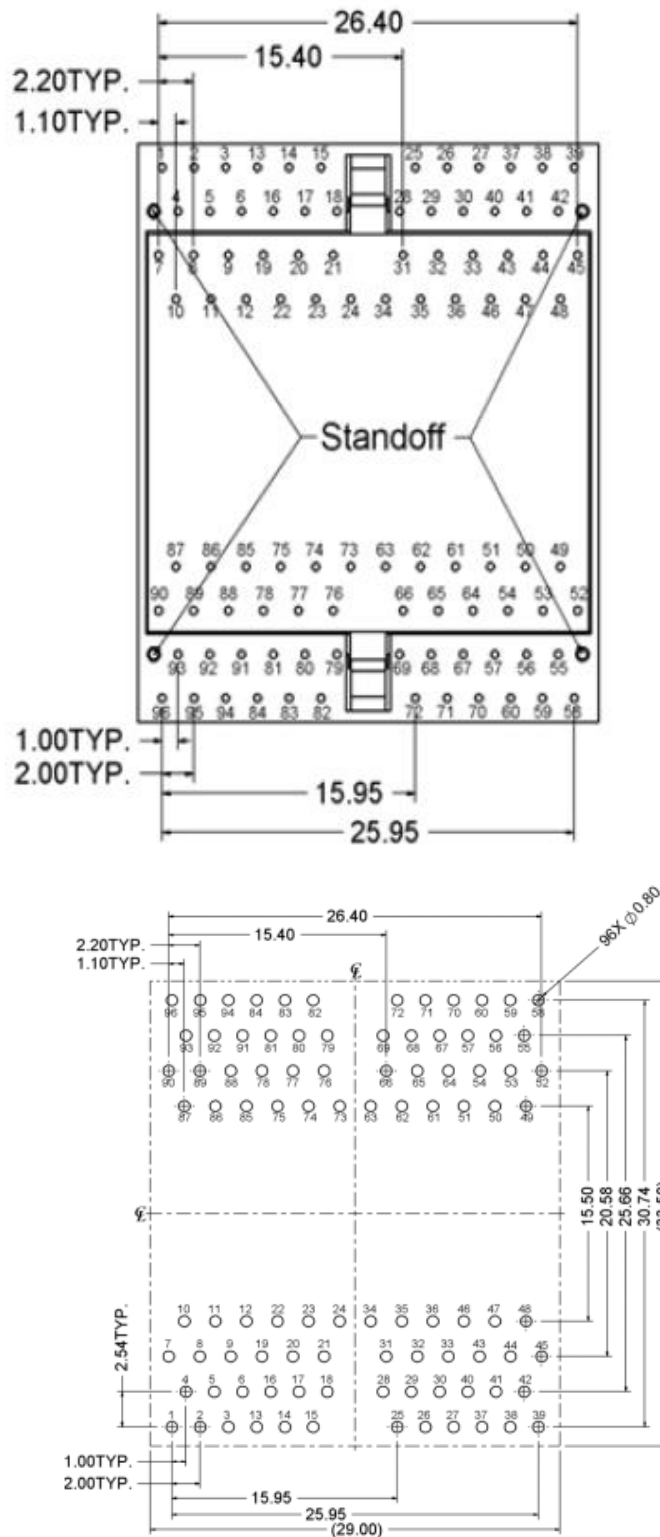
2.5G Base-T Single port LAN Transformer Module Model No: QT9601DG

Feature :
 Meets all IEEE802.3at for 2.5G Base-T, PoE 720mA
 DIP Environmental: Designed to meet wave soldering 265℃ peak.
 Primary Inductance (Lp): 350uH Min. 100KHz ,100mV ,8mA_{dc}
 Operating Temperature: -40℃ to +85℃
 Storage Temperature: -25℃ to +125℃
 Isolation: 1500Vrms 1mA

Electrical Specifications at 25℃ — Operating Temperature Range: -40℃ To +85℃					
Part Number	Transformer Turns ratio ±3%	Insertion Loss 1-50 / 125 / 200MHz dB Max.	Return Loss 1-40 / 200MHz dB Min.	Cross Talk 1-125 / 200MHz dB Min.	DCMR 1 / 50 / 100 / 200MHz dB Min.
QT9601DG	1CT:1CT	-0.5 / -1.0 / -2.0	-20 / -20+15*log(f/40)	-30 / -25	-30 / -30 / -27 / -24

Dimension: mm





Recommend PCB Layout

Data sheet subject to change without notice.

Unless otherwise specified, all tolerance is $\pm 0.25\text{mm}$

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Schematics :

