

SINGLE PORT 1000 BASE –T SMD LAN MAGNETICS MODULES

XF-G2457CG

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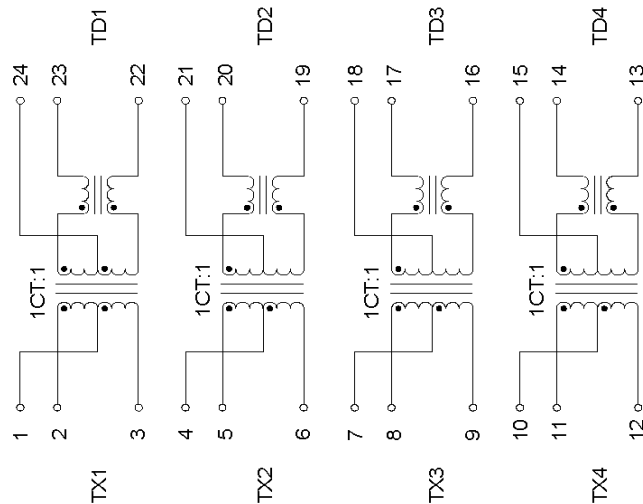
- Meets IEEE 802.3 and ANSIX3.263 Standard
- 10/100/1000 Base-T, Surface Mount Type
- Open Header.
- Cable interface for isolation and low common mode emissions.
- HI-POT: 1500V.
- RoHS compliant.

Electrical Specifications @ 25°C

Part Number	Turns Ratio (±5%) TX/RX	Insertion Loss (dB Max)	Return Loss @Load 100Ω (dB Min)					Cross talk (dB Min)			DCMR (dB Min)		
			1-100MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz
XF-G2457CG	1CT:1	1.1	-18	-14.4	-13.1	-12	-10	-45	-40	-35	-43	-37	-33

* Operating temperature range: 0°C to +70°C. Storage temperature range: -25C to +125°C.

SCHEMATIC



XF Transformer

Single Port Gigabit

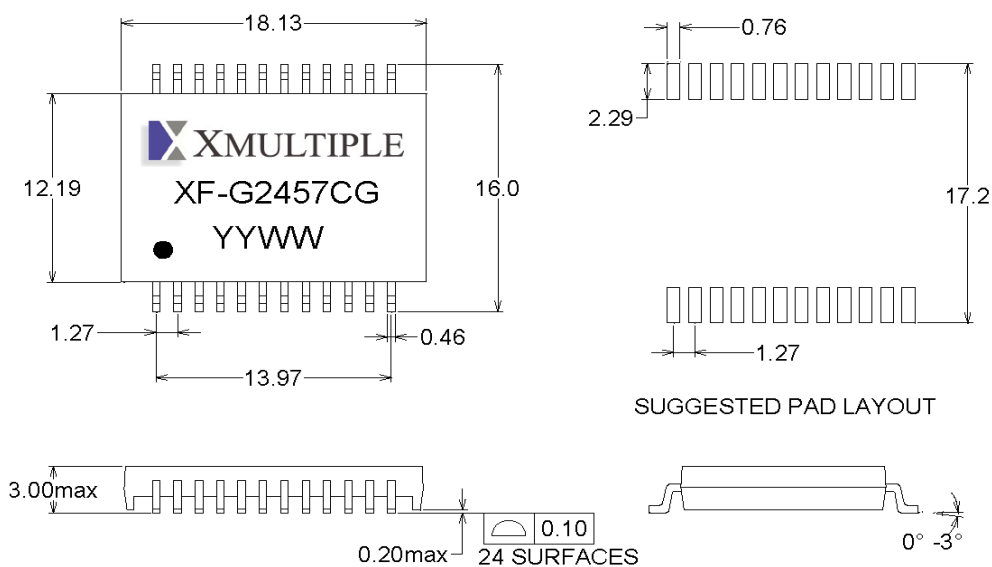


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MECHANICAL



Units: mm.
Tolerance: ± 0.25 unless specified otherwise.