



Coilmaster Electronics Co., Ltd.

info@coilmaster.com.tw

TEL : +886-3-422-8279 FAX : +886-3-422-8734

www.coilmaster.com.tw

9F-3 No.398, Huan Bei Road, Chung Li City , Taoyuan 320, Taiwan .

Gigabit Transformer Modules With Power Over Ethernet Option



PART NUMBERING SYSTEM

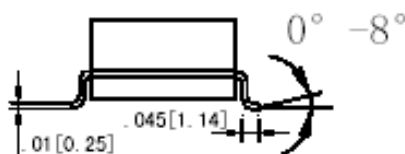
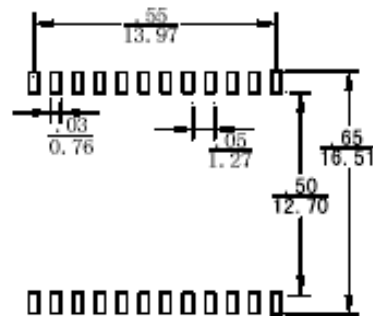
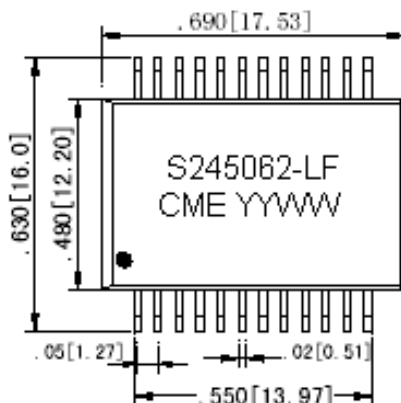
S24 — **5062** — **LF**
TYPE DIMENSIONS LEAD FREE

FEATURES

- Meets IEEE 802.3 specification
- For RoHS part add suffix LF
- RoHS compliant peak solder rating 235°C

SHAPES AND DIMENSIONS

Mechanicals



Dimensions: $\frac{\text{INCH}}{\text{MM}}$ Unless otherwise specified are ± 0.01



Coilmaster Electronics Co., Ltd.

TEL : +886-3-422-8279 FAX : +886-3-422-8734

info@coilmaster.com.tw

www.coilmaster.com.tw

9F-3 No.398, Huan Bei Road, Chung Li City , Taoyuan 320, Taiwan .

Gigabit Transformer Modules With Power Over Ethernet Option



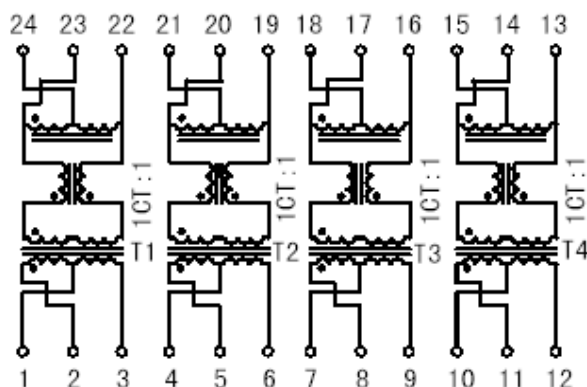
RoHS Compliant

FEATURES

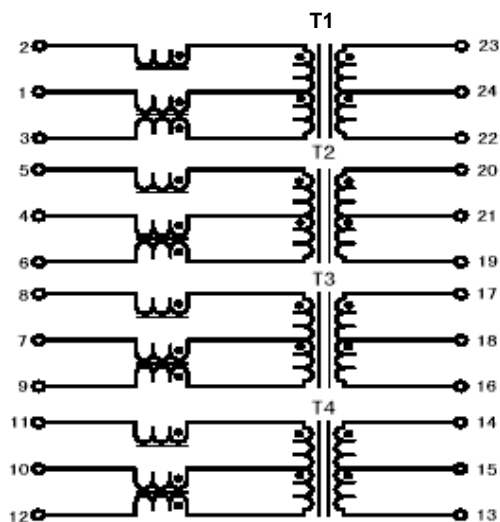
- Meets IEEE 802.3 specification
- For RoHS part add suffix LF
- RoHS compliant peak solder rating 235°C

Schematics

S24-5062-LF



S24-6062-LF



ELECTRICAL CHARACTERISTICS @ 25°C --- Operating Temperature 0°C to 70°C

PART NUMBER	PoE	Turns Ratio		Insertion Loss (dB Max)			Return loss (2out =100Ω±15% Min) MHz				Crosstalk (dB Min) MHz			Hipot (Vrms Min)
		TX	RX	0.1MHz	100MHz	125MHz	30	60	80	100	30	60	100	
S24-5062-LF	No	1:1	1:1	-1.1	-1.0	-2.0	-18	-12	-12	-10	-43	-37	-33	1500
S24-6062-LF	Yes	1:1	1:1	-1.1	-1.0	-2.0	-18	-12	-12	-10	-43	-37	-33	1500