

MEDIA ISOLATION TRANSFORMERS

For Level One's LXT905 IC



- Manufactured in ISO 9001 registered facilities
- Meets IEEE 802.3 1990 10Base-T specifications
- 2000 Vrms meets IEE 802.3 safety requirements for LANs
- Transmit and receive in one package
- Low leakage inductance and interwinding capacitance
- SMT package proven in all soldering processes; small form factor, 50-mil lead spacing

Electrical Specifications @ 25°C — Operating Temperature -40°C to +85°C

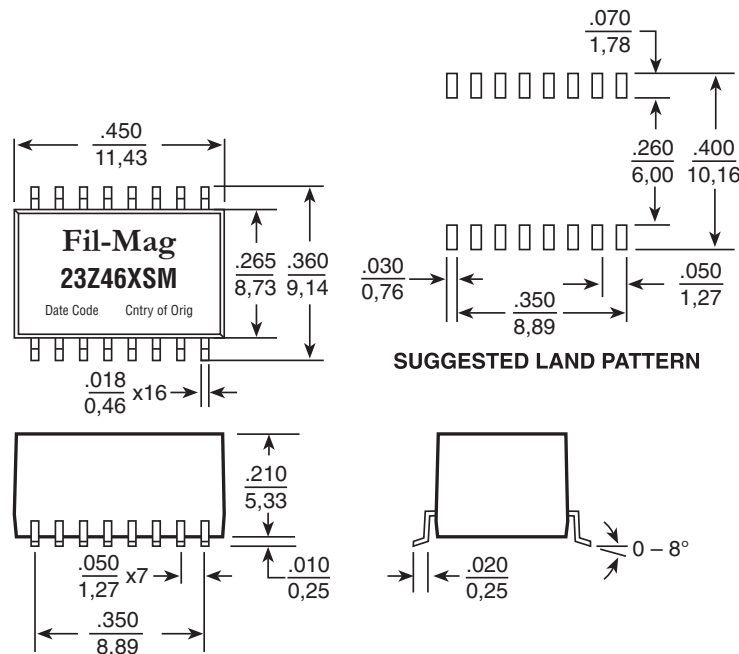
Part Number	Pin	Turns Ratio (2%)	L_p (μ H)	L_L (μ H MAX)	C_c (pF MAX)	DCR (Ω MAX)	DWV Vrms MIN
23Z466SM	1-3	1CT:1CT	98 MIN	Shrt	8.0	0.6	2000
	16-14		98 MIN	0.30		0.6	2000
23Z467SM	6-8	1CT:2CT	175 MIN	0.10	12.0	0.6	2000
	11-9		70 MIN	Shrt		0.6	2000

Common Mode Inductor of the 23Z467SM

Part Number	Pin	Turns Ratio (2%)	L_p (μ H $\pm$ 30%)	L_L (μ H MAX)	C_c (pF MAX)	DCR (Ω MAX)	DWV Vrms MIN
23Z467SM	—	1:1:1:1	60	—	—	0.3	—

Mechanical

23Z466SM, 23Z467SM



Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified all tolerances are $\pm \frac{.005}{0.13}$. Lead coplanarity is $\pm .002$

When ordering Tape & Reel packaging add the suffix "T" to the part number, such as "23Z467SM-T."

Weight 2.8 grams
Tape & Reel 750/reel
Tube 40/tube

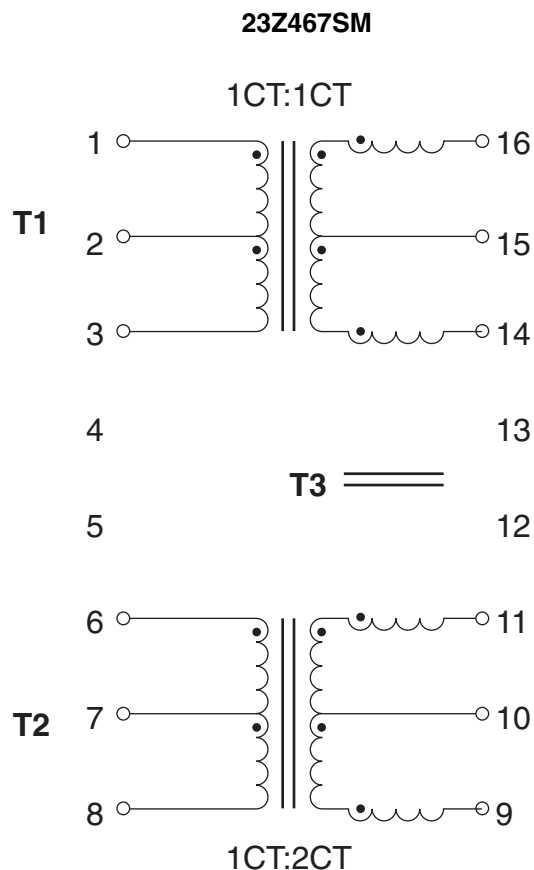
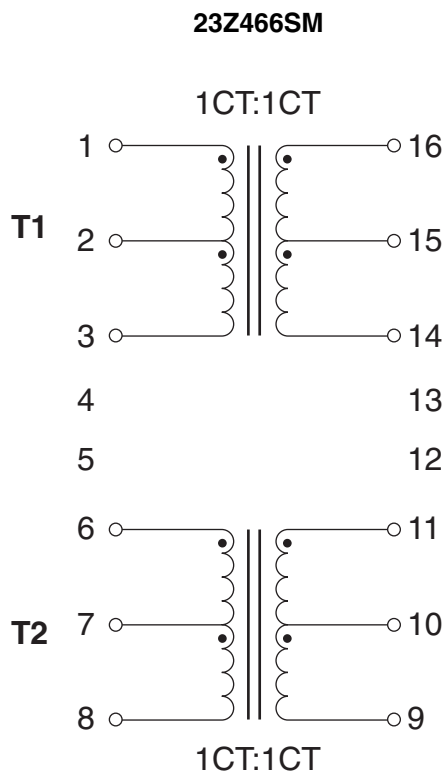
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Schematics

23Z466SM, 23Z467SM



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