

23Z466/467SM Transformers

Key Features

- All Fil-Mag® components are manufactured in ISO 9001 certified facilities to meet the highest international standards
- Designed for use with Level One's LXT905 IC
- Designed to meet IEEE 802.3 1990 10Base-T specifications
- 2000 Vrms meets IEEE 802.3 safety requirements for LANS
- Transmit and receive in one package
- Low leakage inductance and interwinding capacitance

Surface Mount

- Proven in all surface mount soldering processes
- Small form factor; 50-mil lead spacing
- Available in tubes; tape and reel optional

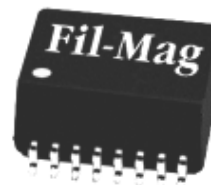
Through Hole

- 16-pin DIP package
- Auto insertable



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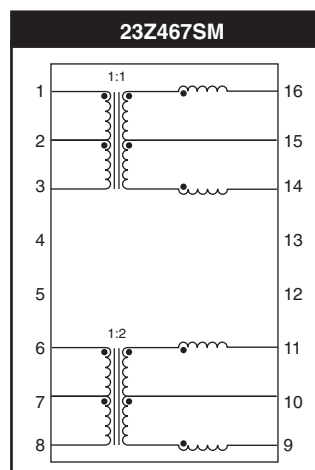
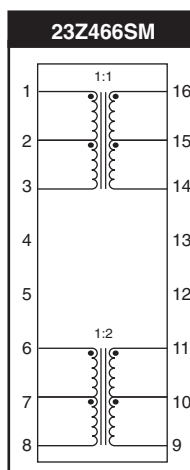
Media Isolation Transformers for Level One's LXT905 IC



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

Part No	Pin	Turns Ratio 2%	L _p μH ±30%	L _L μH max	C _c pF max	DCR Ohms max	DWV Vrms min
23Z466SM	1-3 16-14	1CT:1CT	140 140	Shrt 0.30	8.0	0.6 0.6	2000 2000
23Z467SM	6-8 11-9	1CT:2CT	25 100	0.10 Shrt	12.0	0.6 0.6	2000 2000
Common Mode Inductor of the 23Z467SM							
23Z467SM	—	1:1:1:1	60	—	—	0.3	—

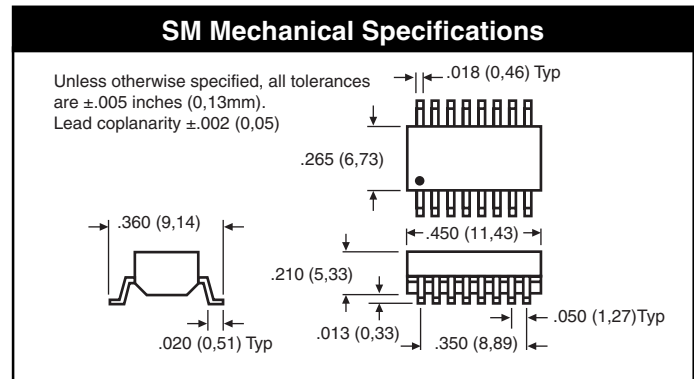
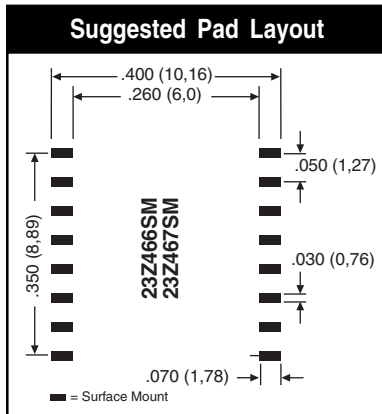
*Includes common mode choke for better EMI system performance.



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For More Information :

United States (Worldwide)

12220 World Trade Drive
San Diego, CA 92128
United States
<http://www.pulseeng.com>
TEL: 858 674 8100
FAX: 858 674 8262

United Kingdom (Northern Europe)

1 & 2 Huxley Road
The Surrey Research Park
Guildford, Surrey GU2 5RE
United Kingdom
TEL: 44 1483 401700
FAX: 44 1483 401701

France (Southern Europe)

Zone Industrielle
F-39270
Orgelet,
France
TEL: 33 3 84 35 04 04
FAX: 33 3 84 25 46 41

Singapore (Southern Asia)

150 Kampong Ampat
#07-01/02
KA Centre
Singapore 368324
TEL: 65 287 8998
FAX: 65 280 0080

Taiwan, R.O.C. (Northern Asia)

3F-4, No. 81, Sec. 1
Hsin Tai Wu Road
Hsi-Chih
Taipei Hsien, Taiwan, R.O.C.
Tel: 886 2 26980228
FAX: 886 2 26980948

Distributor

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