

**Transmit: 23Z338
and 23Z338SMD
Receive: 23Z339 and
23Z339SMD**



Quad 10Base-T Media Isolation Transformer for Multiport Repeater

Key Features

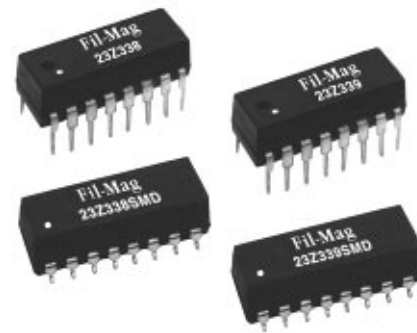
- All Fil-Mag® components are manufactured in ISO 9001 certified facilities to meet the highest international standards
- Designed for use with Level One's LXT914
- Designed to meet IEEE 802.3 1990 10Base-T specifications
- High isolation voltage
- 2000 Vrms meets IEEE 802.3 safety requirements for LANS
- Quad transmit or quad receive in one package

Surface Mount

- Proven in all surface mount soldering processes
- Pick and place compatible
- Available in tubes; tape and reel optional

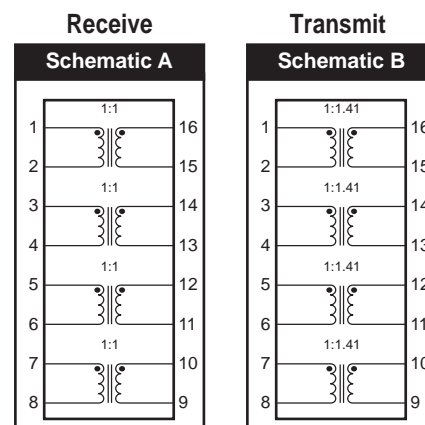
Through-Hole

- Low profile, 16-pin DIP package
- Auto-insertable



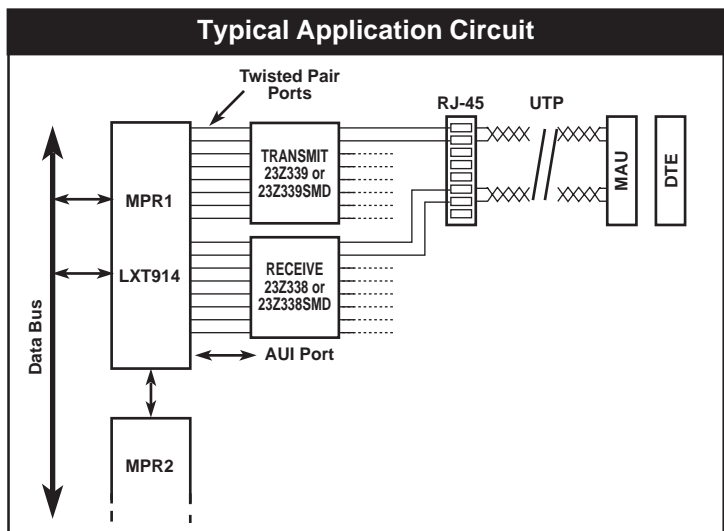
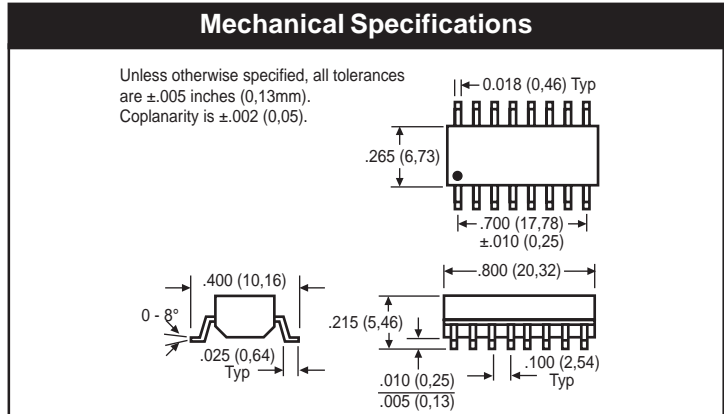
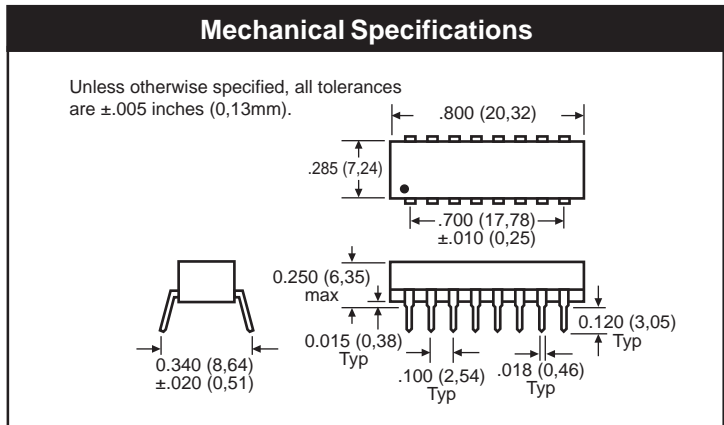
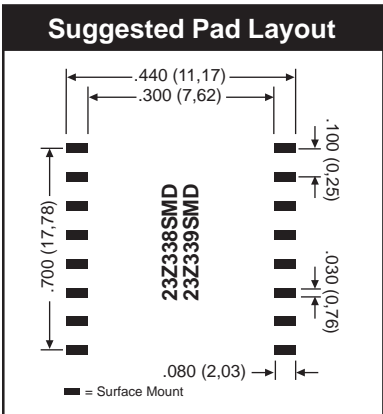
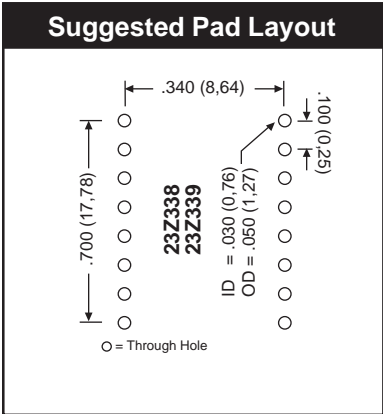
Electrical Specifications at 25°C

Part No	Turns Ratio ±2%	L _p μH ±20%	L _L μH ±25%	C _c pF	DCR Ohms max	DWV Vrms min	Schem
23Z338	1:1	200	0.30	12.0	0.3	2000	A
23Z338SMD	1:1	200	0.30	12.0	0.3	2000	A
23Z339	1:1.41	200	0.30	15.0	0.6	2000	B
23Z339SMD	1:1.41	200	0.30	15.0	0.6	2000	B



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The components on this data sheet are Fil-Mag Legacy Parts.

In the construction of the components described, the full intent of the specification will be met. Pulse, however, reserves the right to make, from time to time, such departures from the detail specifications as may be required to permit improvements in the design of its products.

The information included herein is believed to be accurate and reliable. However, Pulse assumes no responsibility for its use; nor for any infringements of patents or other rights of third parties which may result from its use.

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