

# ISOLATION TRANSFORMERS FOR 10BASE-T

For Adapter Cards, MAUs, Hubs,  
and Motherboard Applications



- Meets IEEE 802.3 specification
- Available with common mode chokes for
- EMI suppression
- RoHS"NL"peak solder rating 260°C
- non-RoHS peak solder rating 235°C

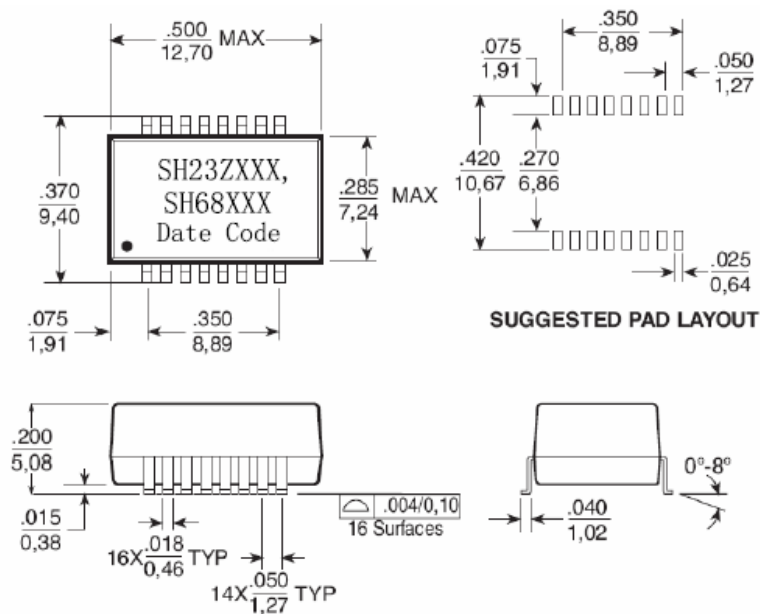
## Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Turns Ratio (Pri:Sec± 2)		OCL (μH MIN)	L <sub>L</sub> (μH MAX)	C <sub>W/W</sub> (pF MAX)	DCR (Ω MAX)	HIPOT (Vrms)	Primary Pins
	Transmit	Receive						
SH23Z467	1CT:2CT	1CT:1CT	140	0.2	12	0.6	2000	6-8/1-3
SH68023	1CT:2CT	1CT:1CT	200	0.3	12	1.0	1500	1-3/6-8

1. Operating temperature -40°C to +85°C

## Mechanical

SH23Z467,SH68023



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$  Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

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## Schematics

SH23Z467

SH68023

