

# 10/100Base PC Card Lan Transformers



RoHS Compliant

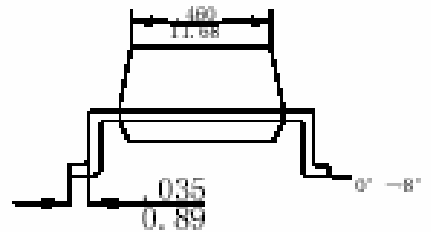
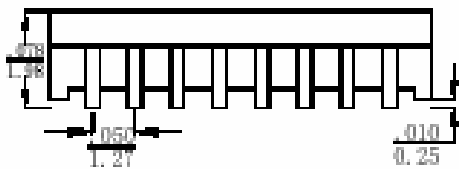
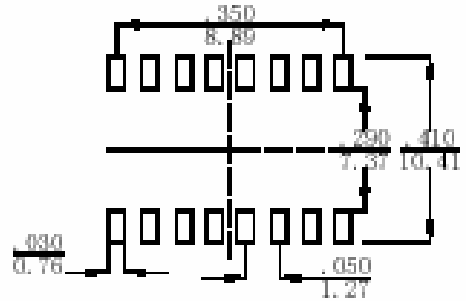
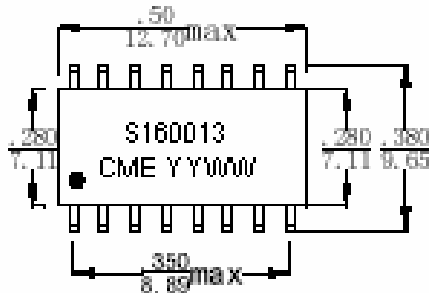
## PART NUMBERING SYSTEM

**S16** — **0013** — **LF**  
TYPE                      DIMENSIONS                      LEAD FREE

## FEATURES

- Low profile package
- Isolation voltage : 1500Vrms
- RoHS compliant
- **RoHS compliant peak solder rating 235°C**

## SHAPES AND DIMENSIONS



# 10/100Base PC Card Lan Transformers S16-0013-LF Series



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## ELECTRICAL CHARACTERISTICS :

PART NUMBER	Turns Ratio		Insertion Loss(dB Max)	Return Loss (dB Typ)			Differential to Common Mode Rejection(dB Typ)			Crosstalk ( dB Typ )			Hipot ( Vrms Min )
	TX	RX		100KHz-100MHz	30MHz	60MHz	80MHz	30MHz	50MHz	100MHz	30MHz	60MHz	
S16-0013-LF	1:1	1:1	-0.9	-16	-12	-11	-35	-33	-20	-50	-45	-37	1500

- 1) Operating temperature -40°C to +85°C
- 2) Electrical specifications at 25°C

## Schematics

### S16-0013-LF

