

FEATURES:

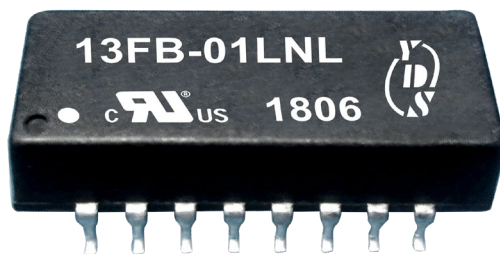
- Meets all IEEE 802.3 and ANSI X3.236 standards including 350uH OCL with 8 mA bias
- IC grade transfer-molded package withstands 235°C IR reflow
- Patented Interlock Base construction for high reliability
- Recognized by UL 1950

YUAN DEAN SCIENTIFIC



LAN Filters

13FB SERIES

10/100 Base-T
Single Port

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

| Part Number | Insertion Loss (dB MAX.) | Return Loss (dB MIN @100Ω) | | | | Differential to Common Mode Rejection (dB MIN) | | | Crosstalk (dB TYP) | | | Hipot (Vrms) MIN |
|-------------|--------------------------|----------------------------|----------|--------|--------|--|--------|--------|--------------------|--------|--------|------------------|
| | | 0.3-100MHz | 1-30 MHz | 40 MHz | 50 MHz | 60-80 MHz | 30 MHz | 60 MHz | 100 MHz | 30 MHz | 60 MHz | |
| 13FB-01LNL | -1.0 | -18 | -18 | -16 | -12 | -50 | -45 | -40 | -55 | -50 | -45 | 1500 |
| 13FB-04NL | -1.0 | -22 | -20 | -18 | -12 | -45 | -40 | -35 | -50 | -40 | -40 | 1500 |

www.yds.com.tw



TEL : 886-6-3842899

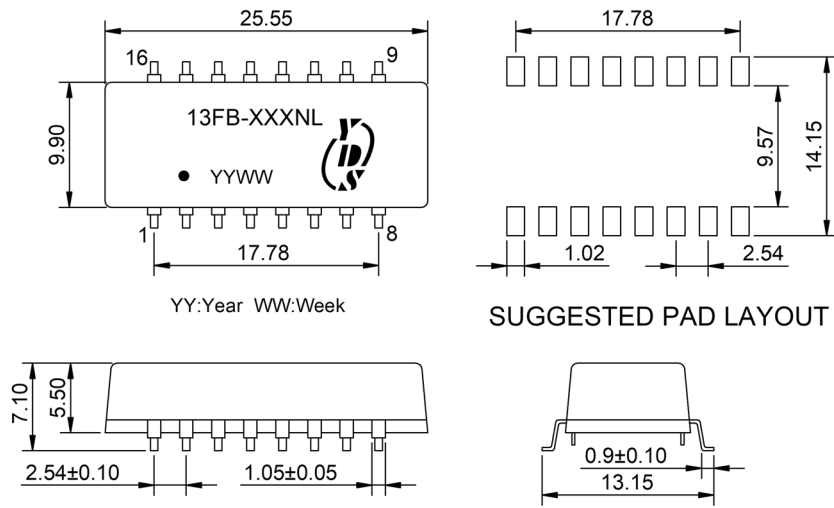
FAX : 886-6-3843288

E-MAIL: ydsweb@yds.com.tw

Rev: 0 2018/11/09

Mechanicals and Dimensions

13FB



UNIT: mm Unless otherwise specified, all tolerances are ± 0.25

Schematics

13FB-01, 13FB-04

