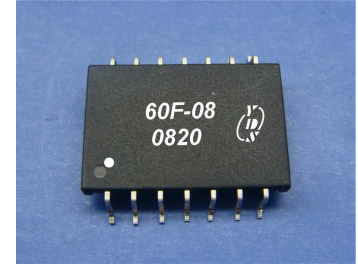




LOW-PROFILE SURFACE MOUNT 10BASE-T INTERFACE

FEATURES

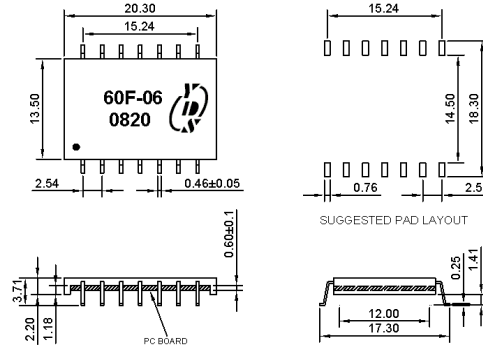
- Low profile , surface mount packaging , 3.71mm height.
- Meets IEEE 802.3i specifications.
- Designs include impedance matching resistor networks , receive and transmit isolation transformers and common mode chokes for improved EMI suppression
- 235°C peak IR Reflow temperature rating.
- Operating temperature 0 ~ +70°C.
- Minimum interwinding breakdown voltage of 1500 Vrms.
- Recognized By UL 60950-1



ELECTRICAL SPECIFICATIONS @25°C-Operating temperature 0°C TO +70°C

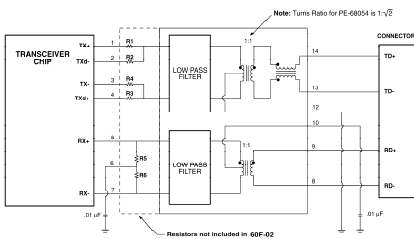
PART NUMBER	Insertion Loss 1 to 10 MHz (dB TYP)	Attenuation (XMIT) (dB MIN)			Return Loss (dB MIN)	Crosstalk (dB MIN)	Common Mode Rejection (dB MIN)				Hipot (Vrms)
		30MHz	50MHz	100MHz			1 to 10MHz	1-10MH Z	10MHz	50MHz	
60F-01	-5.0	-30	-35	-40	-18	-40	-60	-45	-45	-30	1500
60F-02	-5.0	-30	-35	-40	-18	-40	-60	-40	-35	-30	1500
60F-03	-5.0	-30	-35	-40	-18	-40	-60	-45	-35	-30	1500
60F-04	-5.0	-30	-35	-40	-18	-40	-60	-40	-35	-30	1500
60F-05	-5.0	-30	-35	-40	-18	-40	-60	-45	-35	-30	1500
60F-06	-5.0	-30	-35	-40	-18	-40	-60	-40	-35	-30	1500

Mechanicals and Dimensions:

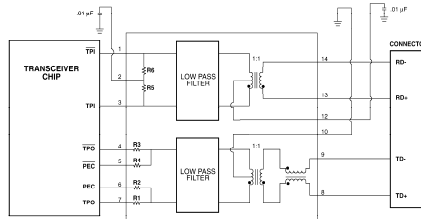


Schematics:

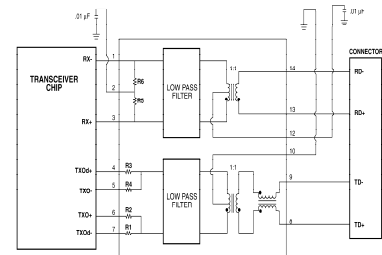
Application Circuit - A



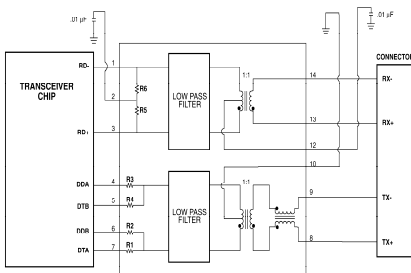
Application Circuit - B



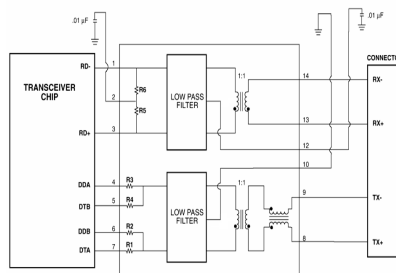
Application Circuit - C



Application Circuit - D



Application Circuit - E



Application Circuit - F

