

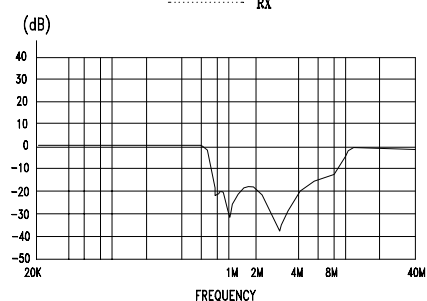
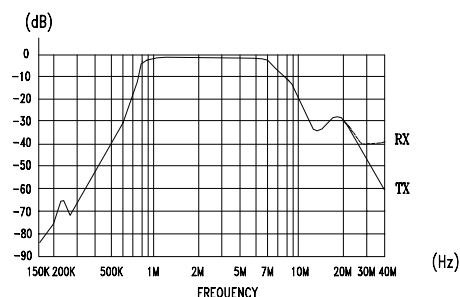


VDSL Hybrid & Band Pass Filter DT60-2006D

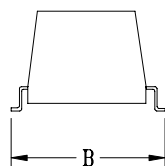
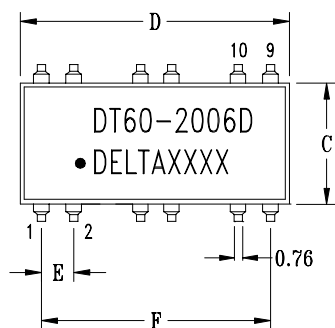
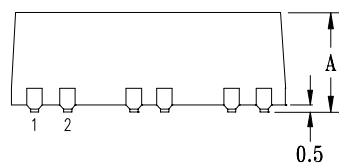


FEATURE

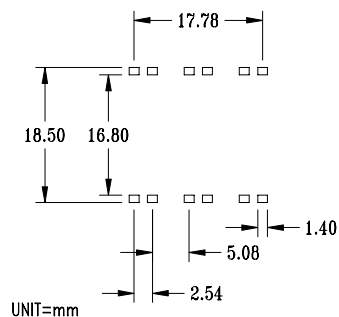
- Design to meet UL1950
- Operation Temperature -40°C to $+85^{\circ}\text{C}$
- Designed for VDSL solution over 100Ω cable
- Matched to Infineon technologies VDSL solution
- Frequency Band : 900kHz to 8MHz
- Transhybrid loss between TX & RX can get up to 15 dB



ELECTRICAL CHARACTERISTICS	
STOPBAND FREQUENCY	20KHz ~ 150KHz 18MHz ~ 40MHz
ATTENUATION	60dB Min. @20KHz ~ 150KHz 15dB Min. @18MHz ~ 40MHz
PASSBAND FREQUENCY	900KHz ~ 7.9MHz
RIPPLE	$\pm 0.5\text{dB}$ @900KHz ~ 7.9MHz
TRANSYBRID LOSS	15dB Min.
RETURN LOSS	10dB Min.
IMPEDANCE	I/P : 100Ω TX : 40Ω RX : 270Ω



XXXX: DATE CODE
WHITE DOT ON PIN 1



RECOMMENDED PCB LAYOUT

A	B	C	D	E	F
7.37 MAX	18.15 ± 0.3	15.10 ± 0.3	24.50 MAX	2.54 ± 0.2	17.78 ± 0.3

UNIT : mm