

Type: EE1310

◆ Product Description

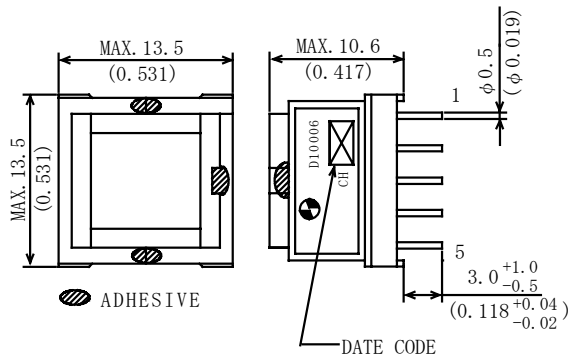
- 13.5×13.5mm Max.(L×W),10.6mm Max. Height.
- In addition to the typical parameters shown here, custom designs are available.



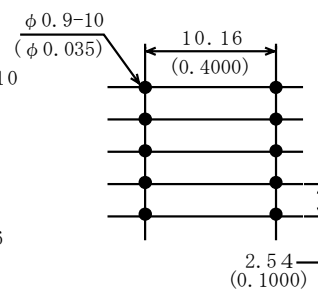
◆ Feature

- Ideally used in set-top box ,FAX/MODEM and other related equipment.
- RoHS Compliance.

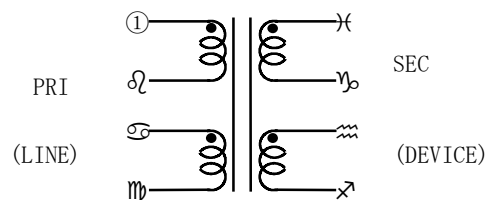
◆ Dimensions (mm)



◆ Land Pattern (mm)



◆ Schematics(Bottom)



“S” IS WINDING START.

◆ Specification(Part Number:D10002)

Item	Spec.(D10002)	Spec.(D10006)
Impedance	Designed to reflect 100Ωon Pri with 100Ω on Sec.	Designed to reflect 100Ωon Pri with 100Ω on Sec.
Inductance(Ls)	5mH ± 15%,10kHz,0.1Vac,1-4 (tie 2+3)	440 μ H ± 6%,10kHz,0.1Vac,1-4 (tie 2+3)
Leakage Inductance(Ls)	16μH Max.100kHz,0.1Vac,1-4(tie2+3, 8+9,7+10)	9μH Max.100kHz,0.1Vac,1-4(tie2+3, 8+9,7+10)
D.C.R.(at 20℃)	1-4 3.00 Ω max (tie2+3)	1-4 3.2 Ω max (tie2+3)
	7-10 5.00 Ω Max (tie8+9)	7-10 3.2 Ω Max (tie8+9)
Turns Ratio	Pri-Sec(1-4):(10-7) (tie 2+3,8+9)1:1 ± 1%	Pri-Sec(1-4):(10-7) (tie 2+3,8+9)1:1 ± 1%
Dielectric Rating:	1875Vac for 1sec. ,1-10(tie 2+3,8+9)	1875Vac for 1sec. ,1-10(tie 2+3,8+9)
Longitudinal Balance	40dB Min,30kHz~1.1MHz , 1-4(8+9)	45dB Min,30kHz~1.1MHz , 1-4(tie 2+3)
Frequency Response	± 1.1 d B, 30kHz~1.1MHz(Ref.300kHz)	± 2.0dB, 30kHz~1.1MHz(Ref.300kHz)
Insertion Loss	0.5dB Max at 300kHz	0.5dB Max at 300kHz
Interwinding Capacitance(Cs)	50pF Max,100kHz,0.1Vac,1-10(tie2+3, 8+9)	32pF Max,100kHz,0.1Vac,1-10(tie2+3, 8+9)
Total Harmonic Distortions	80 d B Min,5.3Vrms,30kHz~100kHz	80 d B Min,5.3Vrms,30kHz~100kHz
Return Loss	16.5 d B Min at 300kHz	16.5 d B Min at 300kHz