

▶ strictly confidential

Attracting Tomorrow



TDK coils for Datalogic

Project name : X5

TDK P/N : ➤ WT433090-14F2-DL1

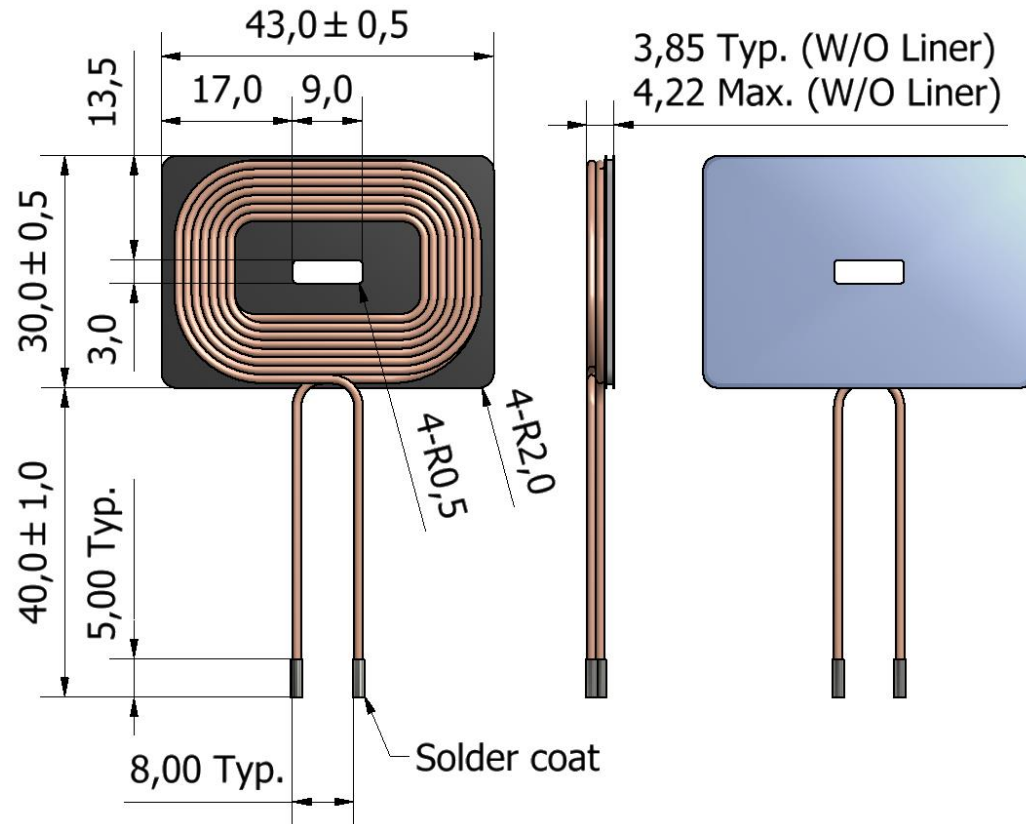
Manufacture : TDK

Address : 159 Section 1, Chung Shan North Road, Tatung Li, Yangmei,
Taoyuan, Taiwan

Tel: 886-3-478-4111 Fax: 886-3-478-2440

WT433090-14F2-DL1

= Dimension of coil unit =



= Electrical Characteristics =

- L_s [uH] : $10.3 \text{ uH} \pm 5\% @100\text{kHz}$
- R_s [ohm] : $0.06 \Omega \pm 10\% @100\text{kHz}$
- Working frequency [kHz] : $110 \sim 147$

➤ Only radiated measurements are used to show compliance with FCC limits for fundamental and spurious emissions.

= Coil unit Assembly =

Unit: mm

Tx thickness	Typ	Max
Coil+Resin (Layer1)	1.36	1.49
Coil+Resin (Layer2)	1.36	1.49
Adhesive tape	0.14	0.14
PET tape	0.05	0.05
Ferrite Sheet	0.90	0.99
Adhesive tape	0.05	0.05
Total	3.85	4.22



