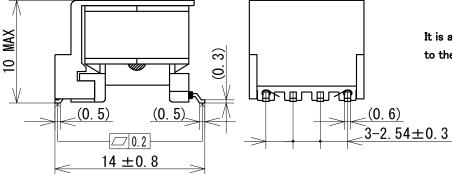
PROTERIAL

HFTR3BB

Transformer for Distribusted Power Supply in IGBT Gate Drive

MECHANICAL DIMENSIONS

11.8 MAX



SCHEMATIC

Ns1

Ns2

Ns2

Turns Ratio Np:Ns=1:3.5

It is a premise to connect the second terminal to the third terminal on a printed circuit board.

Applicable Model : ACPL-33JT (Frequency:150kHz).

Class B Equivalent (130°C)/UL105°C(Class A)

Withstand voltage : AC3.75kV Creepage distance : 3mm(Np~Ns)

(Basic insulation)

※Precautions for use

For transformers that have been manufactured for more than 6 months, please check the solder wettability of the terminals before use.

ELECTRICAL SPECIFICATIONS

Parameter	Pins Under Test	Test Conditions	STD TOLERANCE
INDUCTANCE	8 – 5	100kHz 1Vrms	7μНТур.
	1 – 4	100kHz 1Vrms	(86µH)
DC RESISTANCE	8 – 5	T = 25°C	≦0.155Ω
DIELECTRIC STRENGTH	8:1	AC3.75kV 1MINUTE	
	8:CORE	AC3.75kV 1MINUTE	
	1:CORE	AC0.5kV 1MINUTE	

*The design might be changed according to the test outcome.