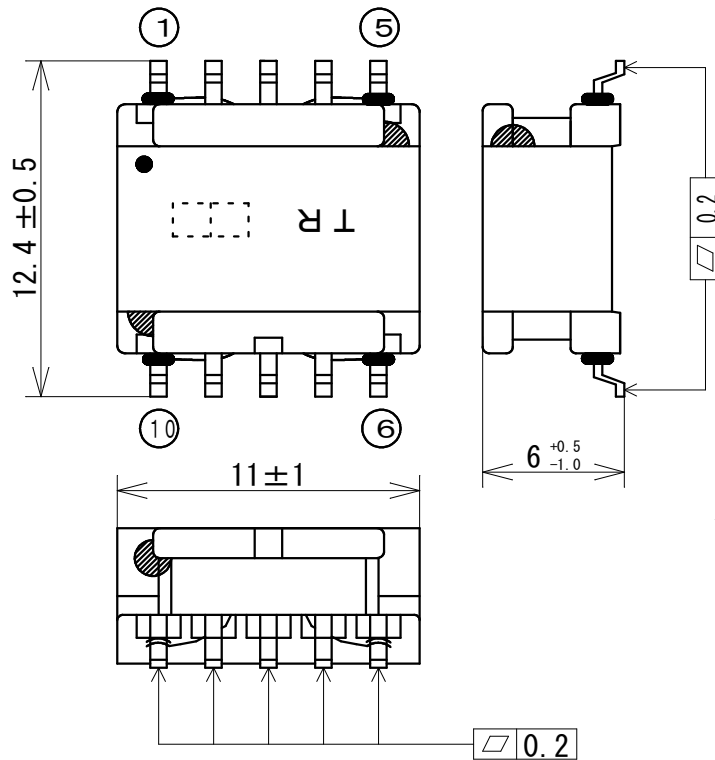


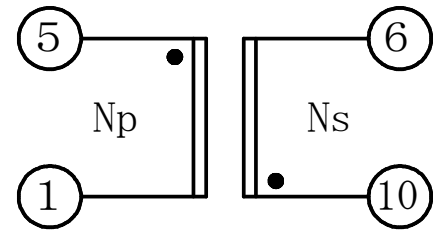
HFTR2DA-B1

Transformer for Distributed Power Supply in IGBT Gate Drive

MECHANICAL DIMENSIONS



SCHEMATIC



Turns Ratio
 $N_p : N_s = 1 : 2$

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

Withstand voltage : AC2.5kV

Creepage distance : 3mm($N_p \sim N_s$)

(Basic insulation)

: 1.5mm($N_p \sim N_s$)

(Basic insulation)

Applicable Model : ACPL-32JT, ACPL-302J

(Frequency:60kHz).

※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	5 - 1	10kHz 1Vrms	$60\mu\text{H} \pm 15\%$
	10 - 6	10kHz 1Vrms	(230 μH)
DC RESISTANCE	5 - 1	T = 25°C	$\leq 0.53 \Omega$
DIELECTRIC STRENGTH	1:10	AC2.5kV 1MINUTE	
	1, 10: CORE	AC2.5kV 1MINUTE	