

**Features**

- Hi voltage isolation
- Small size (16.45 x 16 x 6.8mm)
- Operating temperature -40°C to +125 °C
- AEC-Q200 certified

**Applications**

- Inverter module system

**Reference IC**

Power supply for IGBT gate driver IC	
IC maker	Broadcom
IC model name	ACPL-33JT, ACFJ-3530T, ACFJ-3531T, ACFH-3548T

**Specifications**

Part Number	Parameter	Terminals	Specification	Condition	Schematic
DR12-C302	Inductance	(2-4)	7.3μH±20%	f=100kHz	
		(7-9)	120μH Typ.	f=100kHz	
	Leakage Inductance	(2-4)	0.6μH Max.	f=100kHz	
	DCR	(2-4)	70mΩ Typ.	—	
		(7-9)	320mΩ Typ.	—	
	Turns Ratio	Pri: sec	1:4	—	
Withstand Voltage	Pri: sec	2.5kV	1 min.		
DR12-C321	Inductance	(2-4)	7.3μH±20%	f=100kHz	
		(7-9)	120μH Typ.	f=100kHz	
	Leakage Inductance	(2-4)	0.6μH Max.	f=100kHz	
	DCR	(2-4)	70mΩ Typ.	—	
		(7-9)	320mΩ Typ.	—	
	Turns Ratio	Pri: sec	1:4	—	
Withstand Voltage	Pri: sec	2.5kV	1 min.		

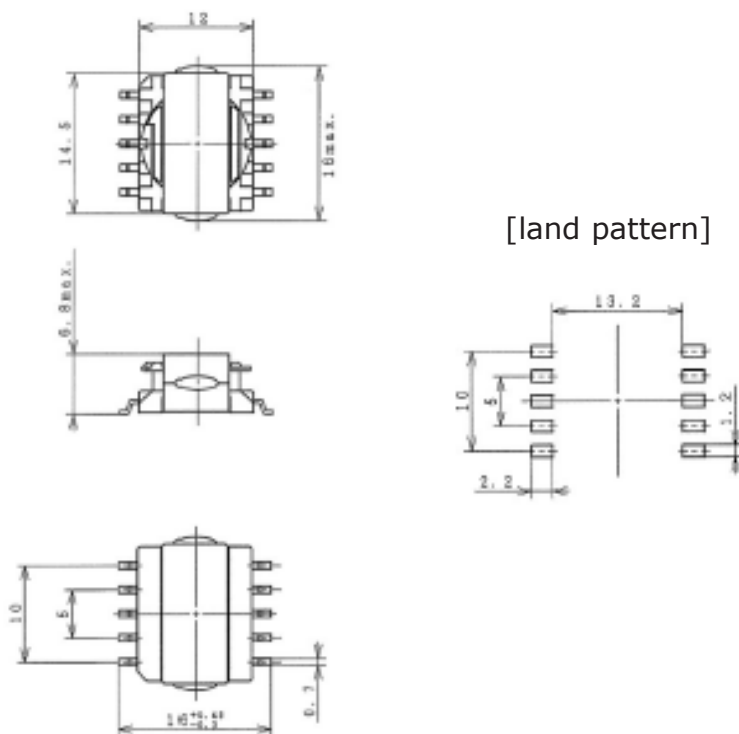
\*Specifications of TR14-A-S can be changed to TR14-A1-S (automatic equipment version).

\*TR14-A1-S specification are the same as TR14-A-S.

**Dimensions**

[mm]

[Tolerance: ±0.2]



*Note: Products are subject to modification in their appearance and others for improvement purposes without prior notification. Please confirm your specification when using this product.*