

# Flyback Transformer

## TR11-A-S

**MITSUMI**

### Features

- High voltage isolation
- Small size
- Operation temperature range : -40°C to 125°C
- Applicable for AEC-Q200

### Application

- For inverter module system.

### Reference IC

Power supply for IGBT gate driver IC

IC maker	Broadcom
IC model name	ACPL-32JT, ACPL-33JT, ACFJ-3530T, ACFJ-3531T, ACFH-3548T



### Specifications

Part Number	Parameter	Terminals	Specification	Condition	Schematic
DR12-C318	Inductance	(1-4)	60 $\mu$ H $\pm$ 25%	f=1kHz	
		(5-8)	240 $\mu$ H Typ.	f=1kHz	
	DCR	(1-4)	620m $\Omega$ Max.		
	Turns Ratio	Pri: Sec	1 : 2		
	Withstand Voltage	Pri: Sec	2.5kV	1 minute	
DR12-C303	Inductance	(3-2)	8.7 $\mu$ H $\pm$ 20%	f=100kHz	
		(7-6)	140 $\mu$ H Typ.	f=100kHz	
	DCR	(3-2)	125m $\Omega$ Typ.		
	Turns Ratio	Pri: Sec	1 : 4		
	Withstand Voltage	Pri: Sec	2.5kV	1 minute	

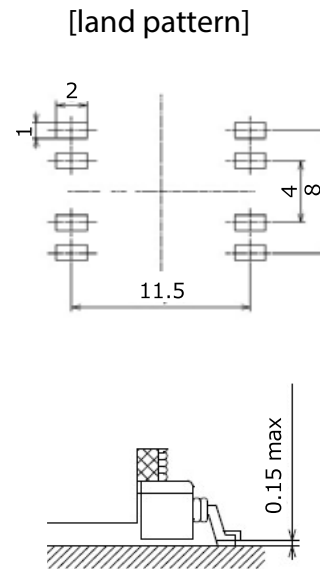
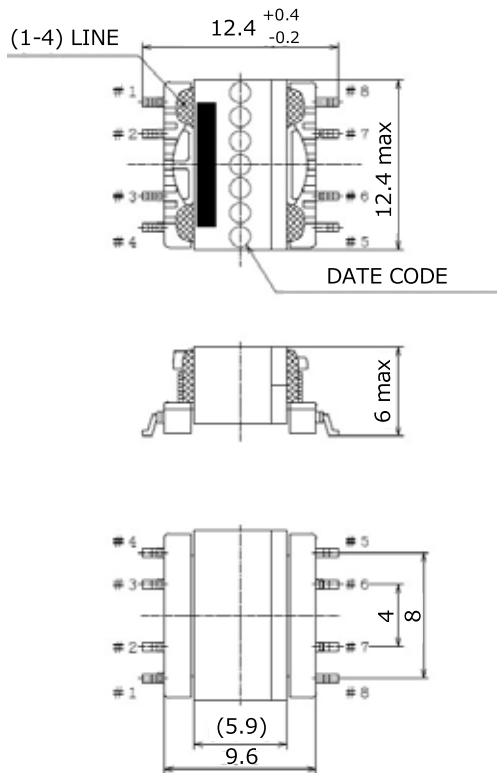
\*Specifications of TR11-A-S can be changed to TR11-A1-S (automatic equipment version).

\*TR11-A1-S specification are the same as TR11-A-S.

**Dimensions**

[mm]

[Tolerance:  $\pm 0.2$ ]



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