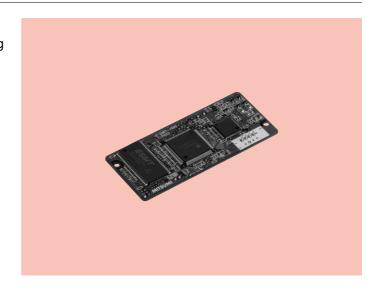
### **HD-PLC Module**

# **DRT-J550**

**Communication Components** 

#### OUTLINE

IEEE 1901 complement HD-PLC Module. High-speed data communication is possible using the existing lines such as in-home power lines. Bandwidth: 2~28MHz, PHY Data Rate 240Mbps. (theoretical maximum data transmissionrate)





#### **FEATURES**

- 1. Equipped with third generation LSI Realizes high data rate: maximum 240Mbps
- 2. Low power consumption: about 1.3W(standby mode 0.9W)
- 3. Modulation including analog part makes it easier to be built into variety of equipment.
- 4. This is pin-compatible with second generation module, so smoothly replace.

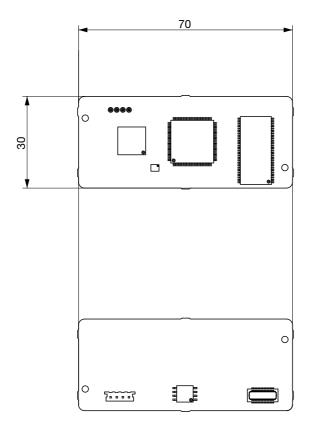
### SPECIFICATIONS

Item	Specifications
Bandwidth	2MHz~28MHz
Modulation	Wavelet OFDM (32PAM-2PAM)
PHY Data Rate	240Mbps (theoretical maximum data transmission rate)
Effective Data Rate	95Mbps/70Mbps (Exclusive tool)
Access method	CSMA/CA
Error Correction	LDPC-CC
Security	AES 128bit
Interface	IEEE802.3, IEEE802.3u(10Base-T/100Base-TX)
Mode Switch	Terminal
Function	Terminal

<sup>\*</sup>Specifications subject to change without notice for improvements.

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The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

## DIMENSIONS





Unit: mm

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