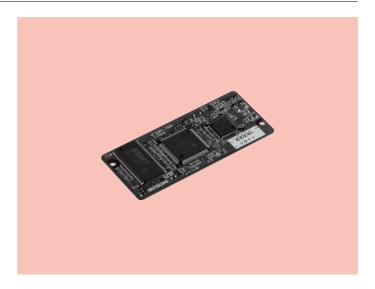
# HD-PLC Module DRT-J520

Wireless 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.Bandwith:2~28MHz,DataRate 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.

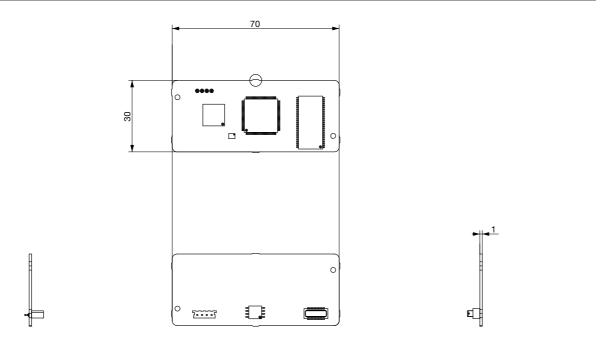
### SPECIFICATIONS

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

\*Specifications subject to change without notice for improvements.

Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
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