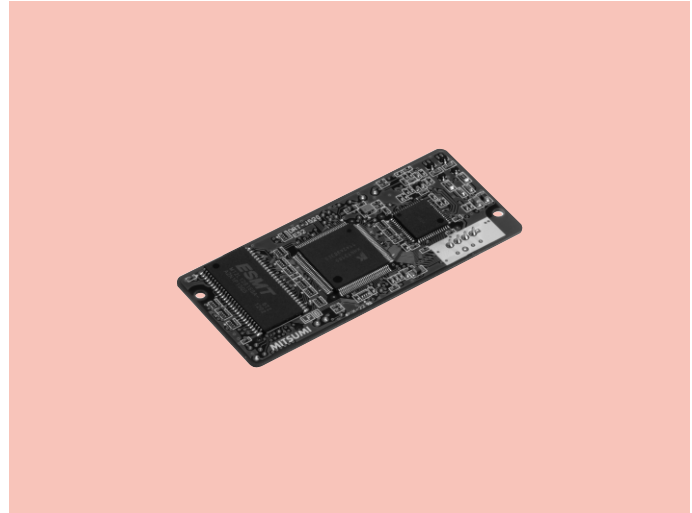


# HD-PLC Module DRT-J550

## 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

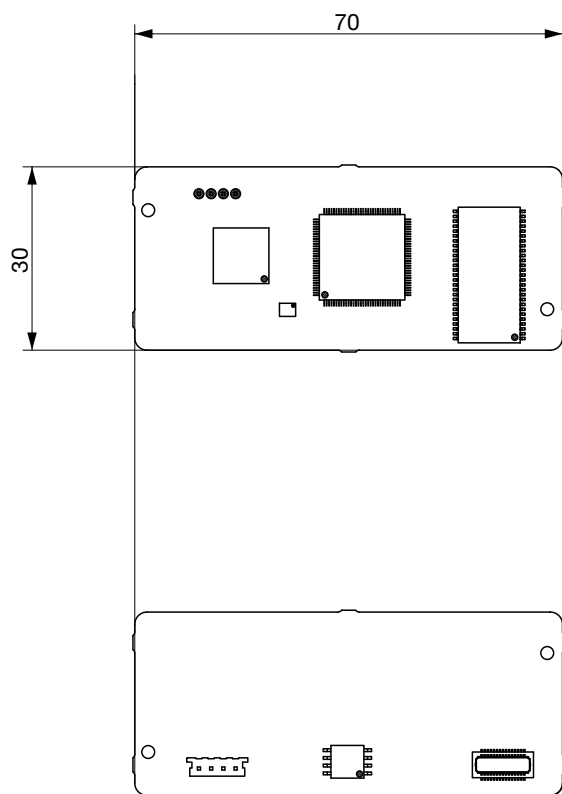
1. Equipped with third generation LSI Realizes high data rate : maximum 240Mbps
2. Low power consumption : about 1.3W(standby mode 0.9W)
3. Modulation including analog part makes it easier to be built into variety of equipment.
4. This is pin-compatible with second generation module, so smoothly replace.

## 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

\*Specifications subject to change without notice for improvements.

**DIMENSIONS**



Unit : mm