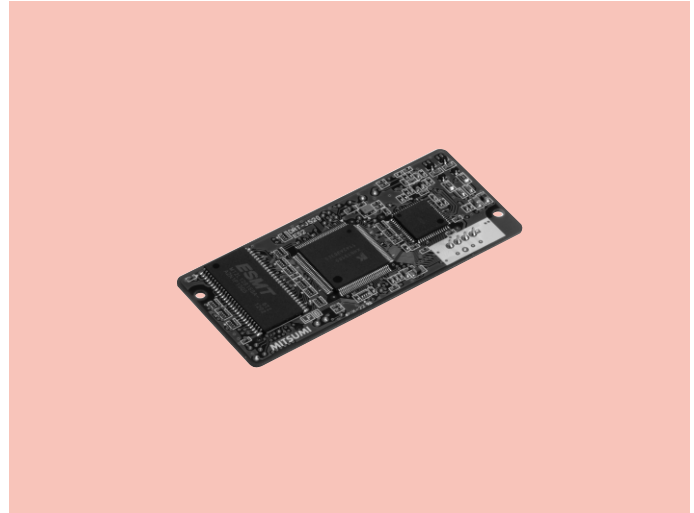


HD-PLC Module DRT-J520

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, Data Rate 240Mbps. (theoretical maximum data transmission rate)



FEATURES

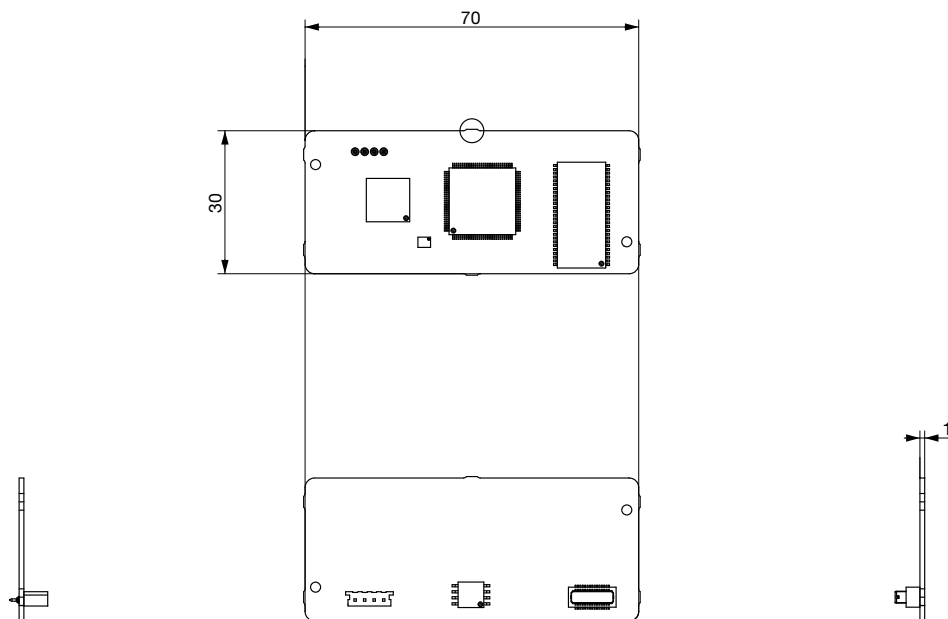
1. Equipped with third generation LSI Realizes high data rate : maximum 240Mbps
2. Low power consumption : about 1.3W(standby mode 0.9W)
3. Modulation including analog part makes it easier to be built into variety of equipment.
4. This is pin-compatible with second generation module, so smoothly replace.

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