

SPD1200S2G

905 nm LASER RANGING MODULE

Technical Review Required

Confirm application fit, environmental conditions, electrical interface requirements, production configuration, and current documentation with ERDI engineering before design release or purchase.

SPECIFICATION	VALUE	SOURCE CONDITION
Laser Wavelength	905 nm +/-5 nm	Source technical table
Ranging Distance	0.1-1200 m	Source technical table
Ranging Accuracy	+/-0.2 m (D<=400 m); +/-D x 0.75% (400 m<=D<=1200 m)	Source technical table
Measurement Frequency	2-20 Hz	Adaptive; source technical table
Interface	UART-TTL	Customizable per source technical table
Supply Voltage	3.3-5 V	Source technical table
Dimensions	24.6 x 11.4 x 26.3 mm	Source technical table

Request Engineering Review

Share the intended measuring conditions, target properties, installation envelope, power supply, interface requirements, ambient environment, and expected quantity.