InnaITKey SPECIFICATION PK1210

OVERVIEW

InnaITKey PK1210 is a secure device incorporating a touch sensor and a high-end crypto controller that provide advanced asymmetric cryptography. It performs authentication on touch. It is an Atmanirbhar solution and the first in the country to be FIDO2L2 certified.

SPECIFICATION

	Category	Nominal Value
1	**GENERAL SPECIFICATION**	
a	Operating Temperature	0°C to 85°C
b	Operating Voltage	5V DC, 22mA
c	Connectivity	USB Type-A 2.0
d	Indication	Single Colour LED
e	ESD	IEC61000-4-2 Air Discharge +/- 8KV
f	Compliance	FIPS 140-2, BIS, FCC, CE, ROHS
g	Sensor Type	Touch
2	**MICRO CONTROLLER**	
a	Controller	Infineon SLE78
b	CPU	Self-checking dual CPU with Integrity Guard™
c	Certifications	Common Criteria EAL 6+ (high) EMVCo, FIDO2 L2
d	Asymmetric Cryptography	ECC up to 521-bit RSA up to 4096-bit
e	Symmetric Cryptography	AES 256-bit
3	**MECHANICAL**	
a	Device Dimension	L 19.3mm, W 12mm, T 4.5mm
b	Material type	SS & ABS
c	Device Weight	~3g (w/o package)