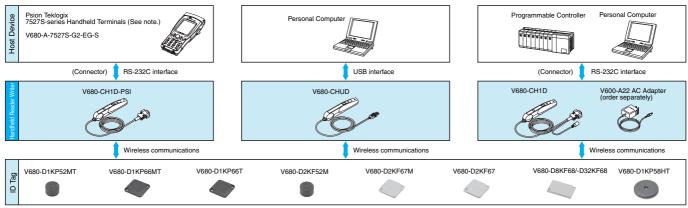


Inspecting Secondary Batteries Can be used for the following Lot numbersModel numbersProduction instructions Process control information

System Configuration



Note. Easy Access demonstration software for V680/V600 is pre-installed

Ratings and Specifications

Handheld Reader Writer

	Tallallola Hodadi Willol					
Item Model	Model V680-CHUD 0.8M V680-CHUD 1.9M V680-CH		V680-CH1D	V680-CH1D-PSI		
Power supply voltage	5 VDC±5%					
Current consumption	500 mA max. (for a power supply voltage of 5.0 V)					
Insulation resistance	50 MΩ min. (at 500 VDC) between connector and case					
Dielectric strength	1,000 VAC, 50/60 Hz for 1 min (leakage current: 1 mA max.) between connectors and case					
Vibration resistance	Destruction: 10 to 150 Hz, 0.2-mm double amplitude, with 10 sweeps for 8 min each in 6 directions					
Shock resistance	Destruction: 150 m/s ² , 3 times each in X, Y, and Z directions					
Ambient operating temperature during communication	0 to +40°C					
Ambient operating humidity during communication	35% to 85% (with no condensation)					
Ambient storage temperature	-25 to +65°C					
Ambient storage humidity	35% to 85% (with no condensation)					
Degree of protection	IEC 60529: IP63 (See note 2.)					
Cable length	0.8 m	1.9 m	2.5 m	0.8 m		
Weight	ht Approx. 110 g Approx. 140 g Approx. 170 g (including connector and cable) (including connector and cable) (including connector and cable)			Approx. 120 g (including connector and cable)		

Note 1. Refer to the User Manual (Cat. No. Z272) for details.

2. This does not include the connector section. The main unit is not resistant to chemical or oils.

Tag Communications Specifications

Transmission is possible with currently sold V680-series ID Tags.

ID Tags	Communications distance		
ib lags	Read	Write	
V680-D1KP52MT	0 to 9.0 mm	0 to 7.5 mm	
V680-D1KP52MT (embedded in metal: steel)	0 to 3.0 mm	0 to 2.5 mm	
V680-D1KP66MT	0 to 21.0 mm	0 to 18.0 mm	
V680-D1KP66T	0 to 27.0 mm	0 to 25.0 mm	
V680-D1KP58HT	0 to 19.0 mm	0 to 17.0 mm	
V680-D2KF52M	0 to 7.0 mm	0 to 7.0 mm	
V680-D2KF52M (embedded in metal: steel)	0 to 2.0 mm	0 to 2.0 mm	
V680-D2KF67M	0 to 22.0 mm	0 to 22.0 mm	
V680-D2KF67	0 to 28.0 mm	0 to 28.0 mm	
V680-D8KF68	0 to 32.0 mm	0 to 32.0 mm	
V680-D32KF68	0 to 32.0 mm	0 to 32.0 mm	

- Note. ID Tag Mounting Conditions

 V880-D1KP65MT: Embedded in resin or steel.

 V880-D1KP66MT: ID Tag mounted with steel on back surface.

 V880-D1KP66MT: ID Tag mounted on resin surface (no metal on back surface).

 V880-D1KP65HT: ID Tag mounted on resin surface (no metal on back surface).

 V880-D2KF52M: Embedded in resin or steel.

 V880-D2KF67M: ID Tag mounted with steel on back surface.

 V880-D2KF67M: ID Tag mounted with steel on back surface.

 V880-D2KF68: ID Tag mounted on resin (no metal on back surface).

 V680-D3KF68: ID Tag mounted on resin (no metal on back surface).

Host Communications Specifications

Host Communications Interface Specifications

< V000-0110D2	
Item	Mod
Interface connector	

<v680-chud></v680-chud>				
Item Model	V680-CHUD			
Interface connector	Series A plug			
USB version	Ver 1.1			
Communications speed	Full speed (12 Mbps)			
Device class	COM class			

<V680-CH1D or V680-CH1D-PSI>

Item N	lodel	V680-CH1D	V680-CH1D-PSI	
Connector		D-SUB 9-pin (compatible with IBM PC/AT or compatible) (See note 1.)	D-SUB 9-pin	
Standards		RS-232C		
Transmission path connect	ctions	1:1		
Communications method	od	2-wire half-duplex		
Synchronization		Start-stop (stop bits = 1 or 2) (See note 2.)		
Baud rate		2,400, 4,800, 9,600, 19,200, or 38,400 bps (See note 2.)		
Transmission code		ASCII (7-bit) or JIS8 (See note 2.)		
Communications control prod	cedure	1:1 protocol		
Error detection		Vertical parity (even, odd, or none) (See note 2.)		

Note 1. To convert to a 25-pin connector, use the Sunhayato SGC-X9P/25P-2 or the equivalent 2. Set using a setting command.

This document provides information mainly for selecting suitable models. Please read the Instruction Sheet carefully for information that the user must understand and accept before purchase, including information on warranty, limitations of liability, and precautions

Also Available: Psion Teklogix Handheld Terminals V680-A-7527S-G2-EG-S Includes the Handheld Terminal, batte and a charger.

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Note: Specifications subject to change without notice.