

HPC 200A CONNECTOR

TE Connectivity (TE)'s HPC Series focuses on Battery Energy Storage System (BESS) to provide the high safety and reliability solution with one pole 200A/1500V high current connector.

Bringing the one-piece molding contact, HPC 200A Connector provides excellent temperature rise control capability.

Meanwhile, HPC 200A Connector installs with high performance temperature sensor (optional) to enable 24Hrs system safety monitor. The smart locking system with 180° in-line design, provides 360° rotation, 12 angles of locking with each 30° degrees, quick lock and press to release function to enable convenient and fast assembly of large volume connectors on site.

BENEFITS AND FEATURE

One piece contact	360° rotation	180°in-line locking	Sensor integration
			
Reliability: Excellent temperature rise control	Flexible: enable flexible cable assembly	Smart locking system enable easy unlocking in field	Enable intelligent safety monitoring
Finger proof	**12 angles locking**	**IP67**	**Two colors**
			
Protect error finger touch for safety operation in field	Flexible direction select and fixed matching to prevent rotation	Safety and reliability for outdoor use	Visualization to avoid wrong plugging

HPC 200A Connector

APPLICATIONS

- Battery energy storage system

ELECTRICAL

- 1500V
- 200A

MECHANICAL

- Quick lock

MATERIALS

- PA66

PRODUCT COMPLIANCE / APPROVALS

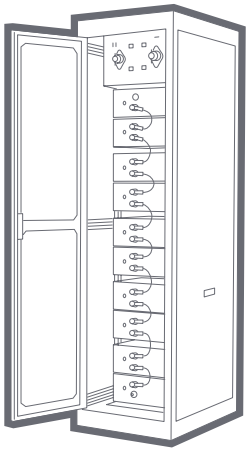
- Compliance RoHS & REACH
- Cu

STANDARDS & SPECIFICATIONS

- IEC 61984 / EN 61984
- UL 4128
- 108-137616
- 114-137616
- 501-137616

ENVIRONMENTAL

- EN 60512
- EN 60529
- EN 61373

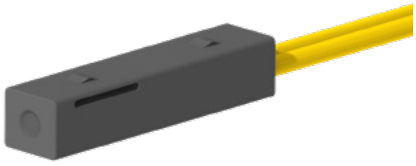


PART NUMBER LIST

Part Number	Type	Description	Color
H101100130A-000	Receptacle	HPC-200-M-R-BK-01	Black
H1111001301-000	Plug	HPC-200-050-F-P-BK-01	Black
H101100030A-000	Receptacle	HPC-200-M-R-OR-01	Orange
H1111000301-000	Plug	HPC-200-050-F-P-OR-01	Orange

APPLICABLE SENSOR (OPTIONAL)

Part Number	Description
20026452-00	NTC Sensor, High Power Terminal



Part Number	Type			
	Min.	Nom.	Max.	Unit.
Resistance (NTC) @ +25 °C	-	98630	-	[Ohm]
Resistance (NTC) @ +25 °C	-	35390	-	[Ohm]
Tolerance (NTC) @ +25 °C	-1	-	-1	[%]
Beta Value (NTC) 25/100	-	3950	-	[K]
Tolerance on Beat Value (NTC)	-1	-	-1	[%]
Dissipation Constant (NTC)	2	-	-	[mW/°C]
Time response from 25 °C to+100 °C water (63.2% span)	-	-	8	[s]
Operating Temperature*	-40	-	+200	[°C]
Operating Temperature Probe Head (20mm)	-40	-	+200	[°C]

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01/23 AK

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TE Connectivity:

PBES22L10M3R 93-24005-1 709819-5 RQ73C2A392RBTDF PBES22L023R ZHD-CT-50M-9.5-OUT-4 BTH3-25-19-1-B-SE 2480661-7 ANT-GNFPC-SAHL150UF 2355091-6 RN73C2A25K5BTDF T9GV5L14-48 214348-E AVH19LSFP3241604 1SNK505060R0000 LDES050UE6S 2441390-1 MPT100 39R 1% 92-24011-1 2MM-RCP-D08-BX SAJ13XXPP0N88SNOPTQ HX-CT-50M-19.0-OUT-0 2501551-1 98-24005-10 2405869-1 1SET411104R0000 PBES22L024R ZHD-CT-40M-25.4-OUT-4 T4151120004-003 BTH3-11-06-1-B-SE