



POWER KEY 5.0 SURFACE MOUNT TECHNOLOGY CONNECTOR

POWER CONNECTOR DESIGNED FOR AUTOMATED ASSEMBLY OF COMPACT PCB SYSTEMS

TE's new power key 5.0 surface mount technology (SMT) connectors offer an efficient solution for manufacturers using automated assembly to build compact PCB systems. The SMT header supports automated pick-and-place assembly processes, while the low mating height (21mm) allows for design flexibility. All power key 5.0 SMT headers support PCB potting for water exposed applications and are available in multiple color and keying options to help prevent mis-mating. An optional terminal position assurance (TPA) device is available for 4 & 6 position versions to provide greater contact reliability.

ELECTRICAL

- Max Current: 10A
- Rated Voltage : 300V AC

MECHANICAL

- Centerline (mm): 5
- Number of Positions: 2/4/6

MATERIALS

- Operating Temperature (°C): -40 to +105
- Housing Flammability Ratings: UL 94 V-0 and GWT*
- Wire Size: 16-24AWG

STANDARDS & SPECIFICATIONS

- Product Specification: [108-106528](#)
- Application Specification: [114-5292](#)

LEARN MORE

- [Landing Page](#)

KEY FEATURES

- Supports automated pick-and-place processes for efficient PCB assembly
- 21mm low mating height and recessed SMT pin design allow design flexibility in compact PCB systems
- Headers accommodate potted PCB designs
- Several color and keying options available to help identify different configurations and prevent mis-mating
- Gap in housing allows easy inspection of pin soldering

APPLICATIONS



Air-conditioner



Washing Machine



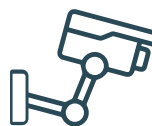
HVAC



Machines Control Unit



Intelligent Building



Security System

*GWT refers to glow wire testing. For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#)

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PART NUMBER

HOUSING

Positions	Key	Color	Header PN	Plug PN
2	A	Natural	2371337-1	2371224-1
	B	Violet	2371337-2	2371224-2
	C	Blue	2371337-3	2371224-3
	D	Yellow	2371337-4	2371224-4
	E	Purple	2371337-5	2371224-5
	F	Pale green	2371337-6	2371224-6
	G	Black	2371337-7	2371224-7
	H	Brown	2371337-8	2371224-8
	I	Grey	2371337-9	2371224-9
	J	Red	1-2371337-0	1-2371224-0
	K	Green	1-2371337-1	1-2371224-1
	L	Pink	1-2371337-2	1-2371224-2
4	A	Natural	2371335-1	1376392-1
	B	Violet	2371335-2	1-1376392-2
	C	Blue	2371335-3	2-1376392-3
	D	Yellow	2371335-4	3-1376392-4
6	A	Natural	2371336-1	1376393-1
	B	Violet	2371336-2	1-1376393-2
	C	Blue	2371336-3	2-1376393-3
	D	Yellow	2371336-4	3-1376393-4

CONTACT

AWG	PN
16-20 AWG	1376347-1
20-24 AWG	1376348-1

TPA* (OPTIONAL)

Position	PN
4P	1376394-1
6P	1376395-1

Note: *TPA is terminal position assurance



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