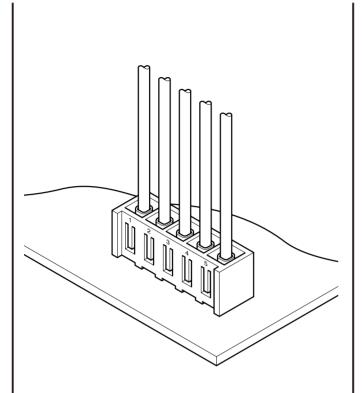


SDN CONNECTOR

3.96mm pitch/Board-in Crimp style connectors



The SDN connector is a 3.96mm pitch board-in crimp style connector capable of connecting a wide variety of circuits including signal and power supply circuits. The connector features a slim, low-profile design. In addition, it has an exclusive lance construction to reduce insertion force, thus substantially improving the working efficiency in mounting the contact.

- Slim, low-profile design
- · Easy and secure contact mounting
- Improved solderability
- Polarizing boss

Specifications -

Current rating: 7A AC, DC (AWG #18)Voltage rating: 250V AC, DC

• Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Insulation resistance: 1,000M Ω min. • Withstanding voltage: 1,500V AC/minute

• Applicable wire: AWG #22 to #18

• Applicable PC board thickness: 1.6mm

* Compliant with RoHS.

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.

* Contact JST for details.

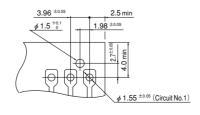
Standards -

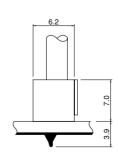
Recognized E60389

Certified LR20812

△ R50100763

PC board layout (viewed from soldering side) and Assembly layout



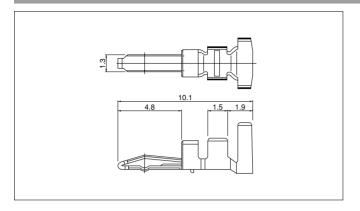


Note: 1. Tolerances are non-cumulative: ± 0.05 mm for all centers. For connectors with 5 or more circuits the hole dimensions will differ from the above values. Contact JST for details.

^{2.} Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline.

SDN CONNECTOR

Contact



Model No.	Applica	ble wire	Insulation O.D.(mm)	Q'ty / reel
	mm²	AWG #	insulation O.D.(IIIII)	
SDN-21T-P1.5	0.33~0.83	22~18	1.6~3.0	5,000

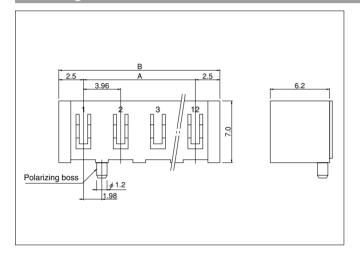
Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

	Crimping machine				
		Crimp applicator	Dies	Crimp applicator with dies	
SDN-21T-P1.5	AP-K2N	MKS-L	MK/SDN-21-15	APLMK SDN21-15	
		_	_	_	

Housing



Circuits	Model No.		Dimensions (mm)		Q'ty /
Circuits	With polarizing boss	Without polarizing boss	Α	В	bag
2	2P-SDN	2P-SDN-A	3.96	8.96	1,000
3	3P-SDN	3P-SDN-A	7.92	12.92	1,000
4	4P-SDN	4P-SDN-A	11.88	16.88	1,000
5	5P-SDN	5P-SDN-A	15.84	20.84	1,000
6	6P-SDN	6P-SDN-A	19.80	24.80	500
7	7P-SDN	7P-SDN-A	23.76	28.76	500
8	8P-SDN	8P-SDN-A	27.72	32.72	500
9	9P-SDN	9P-SDN-A	31.68	36.68	500
10	10P-SDN	10P-SDN-A	35.64	40.64	500
11	11P-SDN	11P-SDN-A	39.60	44.60	500
12	12P-SDN	12P-SDN-A	43.56	48.56	500

Material
PA 66, UL94V-0, natural (white)

RoHS compliance