

2.5 Pitch 2520 SERIES CONNECTOR



2.5 mm Pitch Wire-to-Board Connector

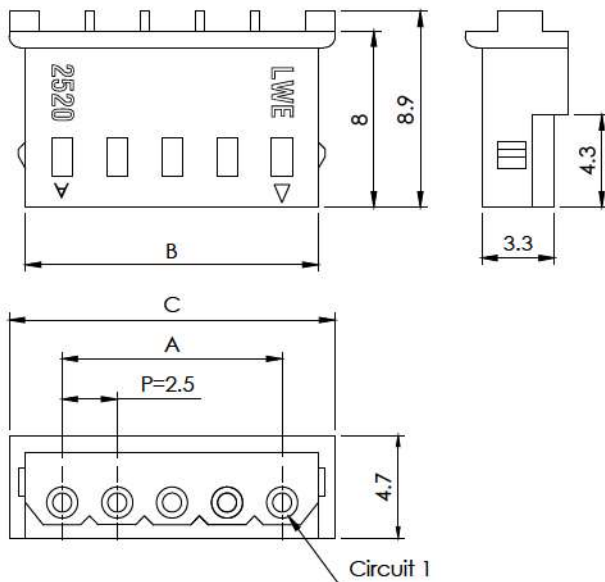


Specifications

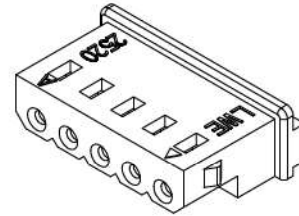
- ◇ Current rating: 3A AC/DC Max.
- ◇ Voltage Range: 250V AC,DC
- ◇ Withstand Voltage: 1000V AC/Minute
- ◇ Contact Resistance: 20 mΩ Max. before environment test
- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40° C to 105° C

Reference

- ◇ Mates with 2521P, 2522P series DIP Header
- ◇ Use with 2523T series Crimp Terminal
- ◇ Certification: UL, CSA
- ◇ GWT rated product is available
ex. P/N: 2520S1200 (12 circuits)
- ◇ Applicable wire gauge: AWG 22 - 28



2520S Plug Housing



Ordering Information

Circuits	Part No.	Dimension		
		A	B	C
2	2520S02	2.5	5.8	7.5
3	2520S03	5.0	8.3	10.0
4	2520S04	7.5	10.8	12.5
5	2520S05	10.0	13.3	15.0
6	2520S06	12.5	15.8	17.5
7	2520S07	15.0	18.3	20.0
8	2520S08	17.5	20.8	22.5
9	2520S09	20.0	23.3	25.0
10	2520S10	22.5	25.8	27.5
11	2520S11	25.0	28.3	30.0
12	2520S12	27.5	30.8	32.5
13	2520S13	30.0	33.3	35.0
14	2520S14	32.5	35.8	37.5
15	2520S15	35.0	38.3	40.0

Material

Housing Glass-filled Nylon 66 94V-0, Light ivory color

※ Color Identification: the following alphabet shall be added,
ex. 2520S 12 00 - B

B... Black, E... Blue, R... Red color 12... Circuit no.

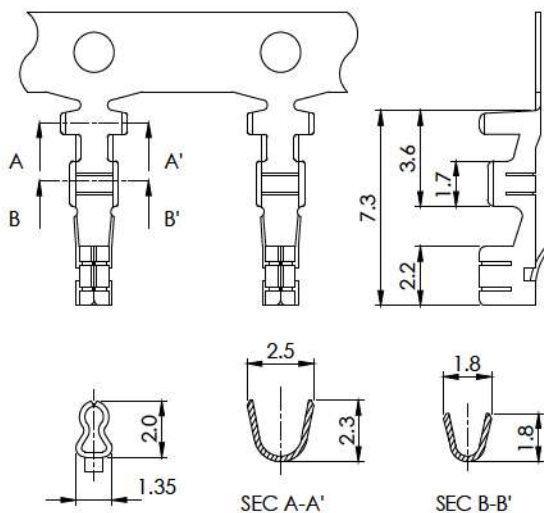
※ P/N for Halogen-Free replacement:

ex. 2520S 12 00 - B NH

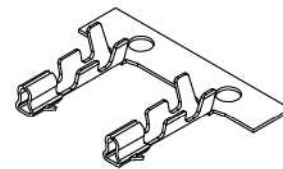
S... Light ivory (base color), NH... Halogen-Free

Reference

- ◇ Use with 2520S Series Plug Housing



2523T Crimp Terminal



Ordering Information

Part No.	Applicable Wire		Q'ty / Reel
	AWG #	Insulation O.D. mm	
2523T011R	22 - 28	1.9 Max.	10,000

Material

Part No.	Material
2523T011R	Phosphor Bronze Tin-Plated

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RoHS REACH LF HFA GWT

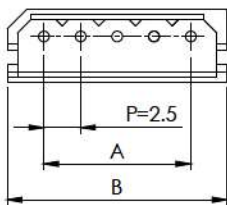
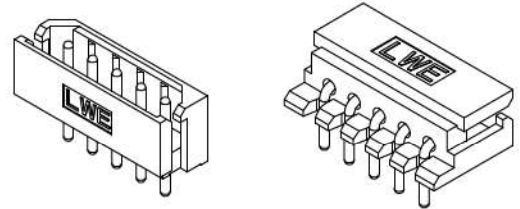
2521P, 2522P DIP Header

Specifications

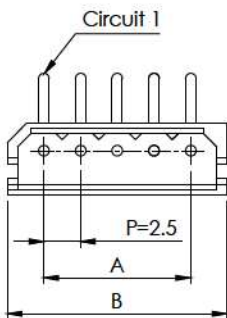
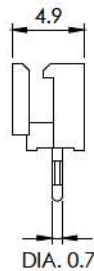
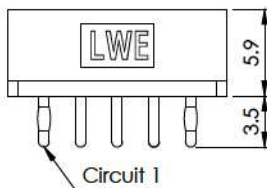
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- ◇ Insulation Resistance: 1000 MΩ Min.
- ◇ Temperature Range: -40° C to 105° C

Reference

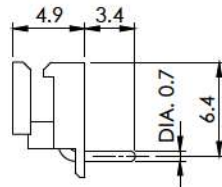
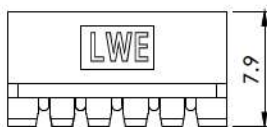
- ◇ Mates with 2520S series Plug Housing
- ◇ Certification: Refer to 2520S series
- ◇ GWT rated product is available



Straight Type
ø 0.7 mm Round Pin



Right-angle Type
ø 0.7 mm Round Pin



Ordering Information

Circuits	Part No.		Dimension	
	Straight	Right-Angle	A	B
2	2521P02 00T	2522P02 00T	2.5	7.5
3	2521P03 00T	2522P03 00T	5.0	10.0
4	2521P04 00T	2522P04 00T	7.5	12.5
5	2521P05 00T	2522P05 00T	10.0	15.0
6	2521P06 00T	2522P06 00T	12.5	17.5
7	2521P07 00T	2522P07 00T	15.0	20.0
8	2521P08 00T	2522P08 00T	17.5	22.5
9	2521P09 00T	2522P09 00T	20.0	25.0
10	2521P10 00T	2522P10 00T	22.5	27.5
11	2521P11 00T	2522P11 00T	25.0	30.0
12	2521P12 00T	2522P12 00T	27.5	32.5
13	2521P13 00T	2522P13 00T	30.0	35.0
14	2521P14 00T	2522P14 00T	32.5	37.5
15	2521P15 00T	2522P15 00T	35.0	40.0

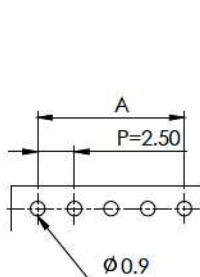
Material

Part	Material
Base	Glass-filled Nylon 66 94V-0, Light ivory color
Contact	Brass, Tin-plated

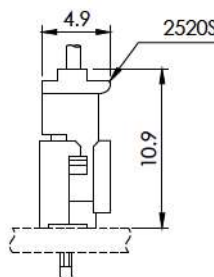
※ Color Identification: the following alphabet shall be added,
 ex. 2521P 12 00 T - B
 ex. 2522P 12 00 T - B
 12... Circuit no.
 T... Tin-plated, V... Matte tin-plated
 B... Black, E... Blue, R... Red color

※ P/N for Halogen-Free replacement:
 ex. 2521P 12 00 T - S NH
 ex. 2522P 12 00 T - S NH
 S... Light ivory (base color), B... Black color
 NH... Halogen-Free

P.C. Board Layout / Assembly Layout



Straight Type



Right-angle Type

