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Jameco Part Number 524761

Closed End and Feed-Thru Connectors

Material and Finish:

Housing—UL94V-2 rated, type 6/6 nylon, see below for color; or UL94V-0 rated, nylon, black

Contacts—Phosphor bronze, post tin plated, .000030 (0.00076) or .000015 (0.00038) post gold-plated over nickel

Color Coding by Wire Size for UL94V-2 Connectors

- 28 AWG — Green
- 26 AWG — Blue
- 24 AWG — White
- 22 AWG — Red

All wire sizes in UL94V-0 — Black

For mateability options, see matrix on pages 2186 and 2187.

For mating half visuals, see pages 2191 thru 2196.

Notes:

- Refer to page 2219 thru 2223 for approved wire listing.
- For strain reliefs and dust covers, see page 2190.
- Other circuit sizes are available upon request. Minimums may apply.
- Connector circuits can be molded closed for keying purposes. Minimums may apply.
- Where no part numbers appear in the chart, parts can be made available upon request. Minimums may apply.
- To determine connector overall length (dim. A), multiply .100 x the number of circuits. Example: .100 x 10 circuits equals 1.000 inch [25.4 mm].

Connector Ordering Information

The "Base Part Numbers" Chart at right shows the base part number and number of circuits available for the described connectors.

Prefixes and suffixes are determined by the number of circuit positions in the connector. For example, the complete part number for a 10-position closed end connector without polarizing tabs for 22 AWG wire would be:

Base number **xxxxxx** plus prefix-and-suffix

1- -0

The correct ordering number is

1-xxxxxx-0

For complete product information, order Catalog 82056

Base Part Numbers

Connector Type & Wire Size	Closed End				Feed-Thru			
	Without Tabs		With Tabs		Without Tabs		With Tabs	
	Connector Part Nos.	No. of Circuits	Connector Part Nos.	No. of Circuits	Connector Part Nos.	No. of Circuits	Connector Part Nos.	No. of Circuits
Standard UL94V-2, Tin Plated								
22 AWG 0.3-0.4 mm ²	640440	2-28	643813	2-28	640620	2-28	644540 ¹	2-15
24 AWG 0.2 mm ²	640441	2-28	643814	2-28	640621	2-28	644563 ¹	2-24
26 AWG 0.12-0.15 mm ²	640442	2-28	643815	2-28	640622	2-28	644564 ¹	2-15
28 AWG 0.08-0.09 mm ²	640443	2-28	643816	2-28	640623	2-28	644565 ¹	2-15
Tape Mounted on Reel UL94V-2, Tin Plated								
22 AWG 0.3-0.4 mm ²	640468	2-28	644511	2-28	641311	2-28	—	—
24 AWG 0.2 mm ²	640469	2-28	644512	2-28	641312	2-28	—	—
26 AWG 0.12-0.15 mm ²	640470	2-28	644513	2-28	641313	2-28	—	—
28 AWG 0.08-0.09 mm ²	640471	2-28	644514	2-28	641314	2-28	—	—
Standard UL94V-2, .000030 [0.00076] Gold Plated								
22 AWG 0.3-0.4 mm ²	641237	2-28	644042	2-28	641241	2-28	644702 ¹	2-15
24 AWG 0.2 mm ²	641238	2-28	644020	2-28	641242	2-28	—	—
26 AWG 0.12-0.15 mm ²	641239	2-28	644043 ¹	2-14	641243	2-28	644726 ¹	2-15
28 AWG 0.8-0.9 mm ²	641240	2-28	644044 ¹	2-14	641244	2-28	—	—
Standard UL94V-2, .000015 [0.00038] Gold Plated								
22 AWG 0.3-0.4 mm ²	641190	2-28	644038 ¹	2-14	641198	2-28	—	—
24 AWG 0.2 mm ²	641191	2-28	—	—	641199	2-28	—	—
26 AWG 0.12-0.15 mm ²	641192	2-28	644040 ¹	2-14	641200	2-28	—	—
28 AWG 0.08-0.09 mm ²	641193	2-28	—	—	641201	2-28	—	—
LED², UL94V-2, Tin Plated (See Note 1)								
22 AWG 0.3-0.4 mm ²	641534	2-3	—	—	641653	2-3	—	—
24 AWG 0.2 mm ²	641535	2-3	644795	2-3	641654	2-3	—	—
26 AWG 0.12-0.15 mm ²	641536	2-3	—	—	641655	2-3	—	—
28 AWG 0.08-0.09 mm ²	644343 ²	2	—	—	—	—	—	—
28 AWG 0.08-0.09 mm ²	641537	2-3	—	—	641656	2-3	—	—
Standard UL94V-0, Tin Plated (Gold is available, minimums may apply.) (Black in color)								
22 AWG 0.3-0.4 mm ²	643498 ¹	2-15	644083 ¹	2-15	644575 ¹	2-15	644578 ¹	2-15
24 AWG 0.2 mm ²	644574 ¹	2-15	644312 ¹	2-15	644576 ¹	2-15	644579 ¹	2-15
26 AWG 0.12-0.15 mm ²	643828 ¹	2-15	644313 ¹	2-15	644577 ¹	2-15	644497 ¹	2-15

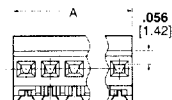
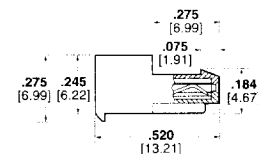
¹LED connectors are designed to mate with .014-.020 [0.36-0.51] diameter posts or square leads.

² Other circuit sizes are available upon request. Minimums may apply.

³ Tape mounted

Note: Blocked circuit configurations are available. Contact product engineer or product manager for details. Minimums may apply.

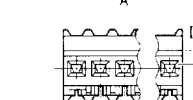
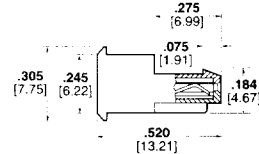
Closed End Connectors



Without Polarizing Tabs

With Polarizing Tabs

Feed-Thru Connectors



Without Polarizing Tabs

With Polarizing Tabs