

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 24 circuits
- Tested for insulation resistance
- Tin topcoat provides easy PC board direct termination
- Bulk cable available on 100, 300, and 500' reels
- To order notched bulk cable, jumpers cut to length or complete cable assemblies, contact Molex

Reference Information

UL File No.: E61522
 UL Style No.: 2651
 CSA File No.: LL61126
 Use With: [7674](#) and [7675](#) IDT connectors
 Designed In: Inches

Electrical

Voltage: 300V
 See Electrical Specifications Table
 on Page H-29 for More Information

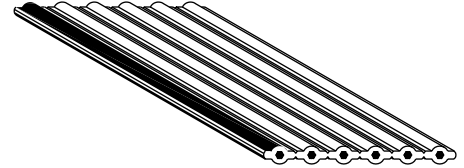
Physical

Flammability: VW-1
 Operating Temperature: -20 to +105°C
 Insulation: Gray PVC
 Edge Mark: Black

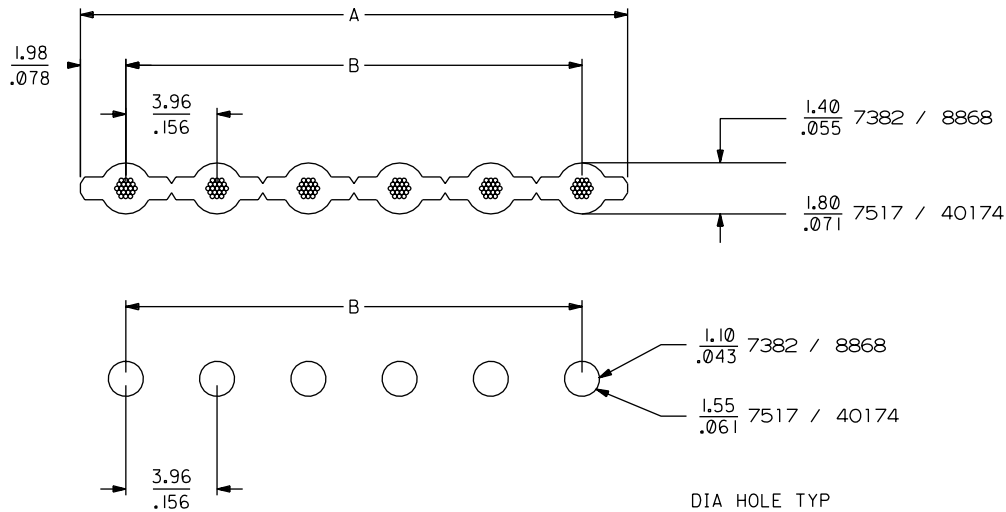


3.96mm (.156") Pitch Round Conductor Flat Cable

7382 22 AWG (7 x 30) Stranded, Tinned
7517 18 AWG (19 x 30) Stranded, Tinned
40174 18 AWG (7 x 26) Stranded, Tinned
8868 22 AWG (7 x 30) Stranded, Topcoat



CATALOG DRAWING (FOR REFERENCE ONLY)



RECOMMENDED PCB LAYOUT

ORDERING INFORMATION AND DIMENSIONS

For Cable Series No.	Order No.		
	100' Reel	300' Reel	500' Reel
7382-XX	• 82-22-58XX	• 82-22-63XX	• 82-22-73XX
7517-XX	• 82-18-5XX1	• 82-18-5XX2	• 82-18-5XX3*
40174-XX	• 82-18-60XX	• 82-18-61XX	• 82-18-62XX*
8868-XX	• 82-22-59XX	• 82-22-67XX	• 82-22-68XX

Replace "XX" with number of circuits, 02-24

Circuits	Dimension	
	A	B
2	7.93 (.312)	3.96 (.156)
3	11.89 (.468)	7.93 (.312)
4	15.85 (.624)	11.89 (.468)
5	19.81 (.780)	15.85 (.624)
6	23.77 (.936)	19.81 (.780)
7	27.74 (1.092)	23.77 (.936)
8	31.70 (1.248)	27.74 (1.092)
9	35.66 (1.404)	31.70 (1.248)

Circuits	Dimension	
	A	B
10	39.62 (1.560)	35.66 (1.404)
11	43.59 (1.716)	39.62 (1.560)
12	47.55 (1.872)	43.59 (1.716)
13	51.51 (2.028)	47.55 (1.872)
14	55.47 (2.184)	51.51 (2.028)
15	59.44 (2.340)	55.47 (2.184)
16	63.40 (2.496)	59.44 (2.340)
17	67.36 (2.652)	63.40 (2.496)
18	71.32 (2.808)	67.36 (2.652)
19	75.29 (2.964)	71.32 (2.808)
20	79.25 (3.120)	75.29 (2.964)
21	83.21 (3.276)	79.25 (3.120)
22	87.17 (3.432)	83.21 (3.276)
23	91.14 (3.588)	87.17 (3.432)
24	95.10 (3.744)	91.14 (3.588)

• US Standard Product, available through Molex franchised distributors

* Contact Molex for 500' reels