

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 36 circuits
- Tested for insulation resistance
- Tin topcoat provides easy PCB card 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: 40555, [7720](#), [70400](#) and [70475](#) 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

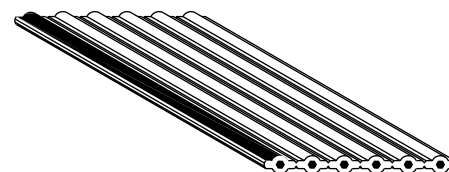
Insulation: Gray PVC

Edge Mark: Black



2.54mm (.100") Pitch Round Conductor Flat Cable

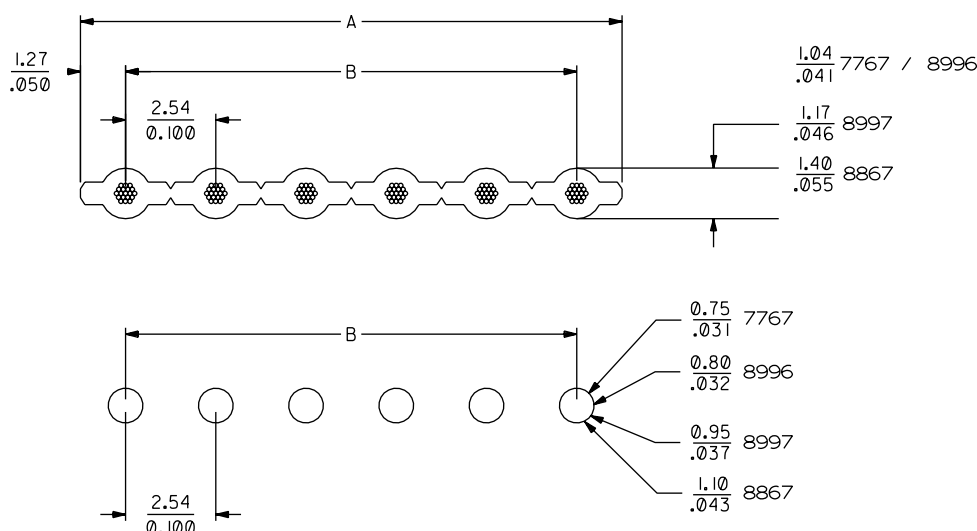
7767 28 AWG (7 x 36) Stranded, Topcoat
8996 26 AWG (7 x 34) Stranded, Topcoat
8997 24 AWG (7 x 32) Stranded, Topcoat
8867 22 AWG (7 x 30) Stranded, Topcoat



Ribbon Cable Systems



CATALOG DRAWING (FOR REFERENCE ONLY)



RECOMMENDED PCB LAYOUT

ORDERING INFORMATION AND DIMENSIONS

For Cable Series No.	Order No.		
	100' Reel	300' Reel	500' Reel
7767-XX	• 82-28-6XX1	• 82-28-6XX3	• 82-28-6XX8
8996-XX	• 82-26-58XX	• 82-26-71XX	• 82-26-76XX
8997-XX	• 82-24-59XX	• 82-24-60XX	• 82-24-65XX
8867-XX	• 82-22-60XX	• 82-22-65XX	• 82-22-74XX

Replace "XX" with number of circuits, 02-36

Circuits	Dimension	
	A	B
2	5.08 (.200)	2.54 (.100)
3	7.62 (.300)	5.08 (.200)
4	10.16 (.400)	7.62 (.300)
5	12.70 (.500)	10.16 (.400)
6	15.24 (.600)	12.70 (.500)
7	17.78 (.700)	15.24 (.600)
8	20.32 (.800)	17.78 (.700)
9	22.86 (.900)	20.32 (.800)

Circuits	Dimension	
	A	B
10	25.40 (1.000)	22.86 (.900)
11	27.94 (1.100)	25.40 (1.000)
12	30.48 (1.200)	27.94 (1.100)
13	33.02 (1.300)	30.48 (1.200)
14	35.56 (1.400)	33.02 (1.300)
15	38.10 (1.500)	35.56 (1.400)
16	40.64 (1.600)	38.10 (1.500)
17	43.18 (1.700)	40.64 (1.600)
18	45.72 (1.800)	43.18 (1.700)
19	48.26 (1.900)	45.72 (1.800)
20	50.80 (2.000)	48.26 (1.900)
21	53.34 (2.100)	50.80 (2.000)
22	55.88 (2.200)	53.34 (2.100)
23	58.42 (2.300)	55.88 (2.200)
24	60.96 (2.400)	58.42 (2.300)
25	63.50 (2.500)	60.96 (2.400)

Circuits	Dimension	
	A	B
26	66.04 (2.600)	63.50 (2.500)
27	68.58 (2.700)	66.04 (2.600)
28	71.12 (2.800)	68.58 (2.700)
29	73.66 (2.900)	71.12 (2.800)
30	76.20 (3.000)	73.66 (2.900)
31	78.74 (3.100)	76.20 (3.000)
32	81.28 (3.200)	78.74 (3.100)
33	83.82 (3.300)	81.28 (3.200)
34	86.36 (3.400)	83.82 (3.300)
35	88.90 (3.500)	86.36 (3.400)
36	91.44 (3.600)	88.90 (3.500)

• US Standard Product, available through Molex franchised distributors