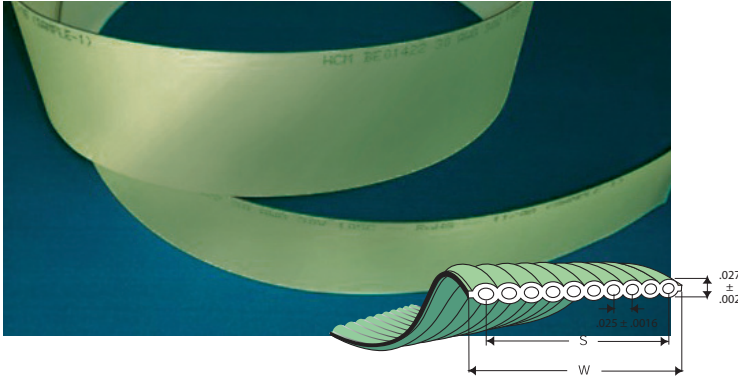


Solid Microzip

Low Smoke Zero Halogen (LSZH) 0.025 inch (0.635 mm)



UL Style: 20930 (Pending)
 UL Voltage Rating: 30V
 UL Temp: 105°C

CSA Style: AWM I A/B FT- 1
 CSA Voltage Rating: 30V
 CSA Temp: 105°C

Pitch 025 (0.635 mm) ± 0.0016"

Low smoke zero halogen polyolefin thermoplastic

ECO friendly

APPLICATIONS Ultra ATA 33, 66, 100 and 133. Internal wiring of electronic equipment

REACH and RoHS 2 compliant

PHYSICAL CONSTRUCTION DESCRIPTION This Microzip consists of 30 AWG solid bare copper. Each leg of copper is pulled in parallel and fully extruded. A polarity stripe is co-extruded into position number one for easy identification. Color is green with black polarity.

23103 Pitch: 0.025 in (0.635 mm)

- 23103 - XX - P - 00YYY
- Conductor AWG: 30 1/30 AWG BC
- Insulation: LSZH
- Conductor Resistance ohms/1000 ft (ohms/Km): 104 (341.12)
- Capacitance Ground-Signal (G-S) pF/ft (pF/m): 12.5 (41.01)
 - (G-S-G) pF/ft (pF/m): 22.0 (72.17)
- Impedance (G-S-G) SE - Single End: 80 ohms
 - (G-S) Differential: 130 ohms
- Propagation Delay Nanoseconds/ft (ns/m): 1.60 (5.25)
 - Maximum Skew ns/ft (ns/m): 0.060 (0.196)

| | Part Number | # of Conductors | Put-Up | Width "W" Span "S" |
|-----------|------------------------|-----------------|--------------------|---|
| Example 1 | 23103 - 68 - P - 00400 | 68 | 400 ft 121.92 m | Width: 1.700 in (43.18 mm) Span: 1.675 in (42.54 mm) |
| Example 2 | 23103 - 80 - P - 00400 | 60 | 400 ft 121.92 m | Width: 1.500 in (38.10 mm) Span: 1.475 in (37.46 mm) |

Building a Part Number

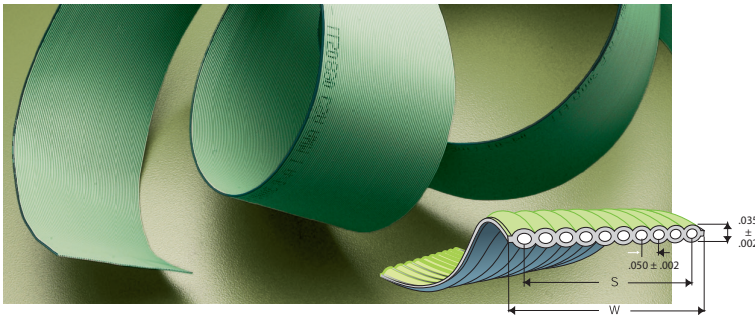
| Part Number Format | 23103- XX - P - 00YYY | XX | 00YYY | Width: XX * .050 in Span: XX* .050 in - .050 |
|--------------------|-----------------------|----|-------|---|
|--------------------|-----------------------|----|-------|---|

XX= No. of conductors: other conductor counts available upon request
 YYY = Put-Up (ft.): 400

Other conductor counts and put-ups available upon request. All data is for reference only and is subject to change.

Stranded Ribbon

Low Smoke Zero Halogen (LSZH) 0.050 inch (1.27 mm)



UL Style: 20930 (Pending)
 UL Voltage Rating: 30V
 UL Temp: 105°C

CSA listing: AWM I A/B FT-1
 CSA Voltage Rating: 30V
 CSA Temp: 105°C

Symmetrical profile offers easy conductor separation without cable damage and allows reverse termination

0.050 inch (1.27mm) pitch for use with today's low cost IDC connectors

Design for use with high speed automated termination equipment

APPLICATIONS Internal wiring of electronic equipment

20097 Pitch: 0.050 in (1.27 mm)

- 20097 - XX - P - 00YYY
- Conductor AWG: 28 7/36 AWG TC
- Conductor Resistance ohms/1000 ft (ohms/Km): 67.5 (221.4)
- Capacitance Ground-Signal (G-S) pF/ft (pF/m): 12.5 (41.01)
 - (G-S-G) pF/ft (pF/m): 7.5 (24.60)
- Impedance (G-S-G) SE - Single End: 95 ohms
 - (G-S) Differential: 135 ohms
- Propagation Delay Nanoseconds/ft (ns/m): 1.60 (5.25)
 - Maximum Skew ns/ft (ns/m): 0.060 (0.196)

| | Part Number | # of Conductors | Put-Up | Width "W" Span "S" |
|-----------|-----------------------|-----------------|-------------------|--|
| Example 1 | 20097- 06 - P - 00100 | 6 | 100 ft 30.48 m | Width: 0.150 in (3.81 mm) Span: 0.125 in (3.17 mm) |
| Example 2 | 20097- 64 - P - 00100 | 64 | 100 ft 30.48 m | Width: 1.60 in (40.64 mm) Span: 1.575 in (40.00 mm) |

Building a Part Number

| Part Number Format | 20097- XX - P - 00YYY | XX | 00YYY | Width: XX * .050 in Span: XX* .050 in - .050 |
|--------------------|-----------------------|----|-------|---|
|--------------------|-----------------------|----|-------|---|

XX= No. of conductors: 06, 09, 10, 12, 14, 15, 16, 20, 24, 25, 26, 30, 34, 36, 37, 40, 50, 60, 64
 YYY = Put-Up (ft.): 100

Other conductor counts and put-ups available upon request. Available in tinned overcoat copper (20069), 30 AWG Solid TC (20052), 28 solid TC (23197), and 26 AWG stranded TC (23043). Other Put-up lengths possible. Contact factory for details.

