

3M™ Mini-Clamp Plug

2 mm IDC, Wiremount

371 Series



- Provides even quality
- Reduces maintenance work by providing higher connection reliability
- Reduces waste
- Operation by general tool “pliers” reduces tooling cost
- Design offers multiple gauges and wire size diameter
- Latch enables rugged field termination
- RoHS* compliant

Date Modified: April 14, 2004

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Physical

Insulation

Material: Nylon body, Polycarbonate cover
Flammability: UL 94V-0
Color: Black body, cover—white & color (see table 1)

Contact

Material: Copper Alloy

Plating:

Underplating: 100 μ " (2.54 μ m) Nickel
Wiping Area: 8 μ " (0.2 μ m) minimum Gold with lubricant
IDC: Nickel

Wire Accommodation: Annealed Copper, high-strength Copper, or Copper Alloy. Bare, tinned, or tin overcoated, 20~26 AWG [0.14~0.5] stranded

Wire Insulation: Flexible vinyl, semi-rigid vinyl, x-linked polyethylene, or ETFE (see table 1)

Electrical

Current Rating: 3.0 Amps

Voltage Rating: 32 Volts

Insulation Resistance: $>1 \times 10^6 \Omega$ at 600V dc

Withstanding Voltage: 1000 V rms at sea level

Environmental

Temperature Rating: -20°C to 85°C

*RoHS=Directive 2002/95/EC,
Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment
Scotchlok is a trademark of 3M Company.

UL File No.: E68080

3M
Interconnect Solutions
<http://www.3M.com/interconnects/>

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For technical, sales or ordering information call
800-225-5373

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# Positions	Dim A
3	12.9 [.51]
4	14.9 [.59]

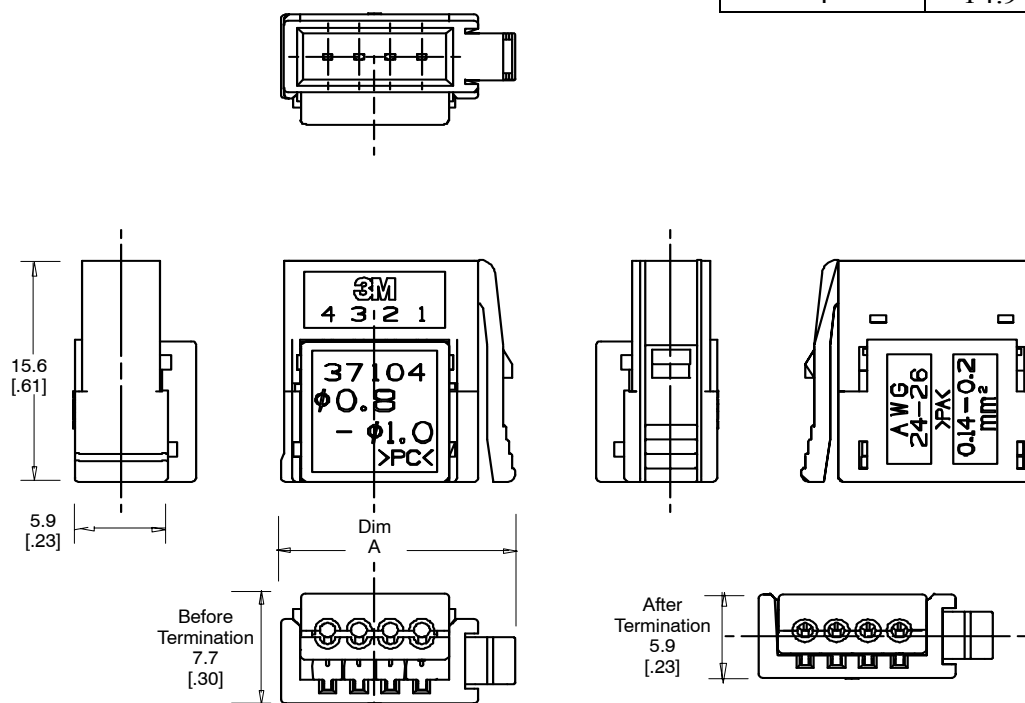


Table 1				
Wire Insulation OD	1.6 ~ 2.0 [.063~.079]	1.2 ~ 1.6 [.047~.063]	1.0 ~ 1.2 [.039~.047]	0.8 ~ 1.0 [.031~.039]
Part #	2206	2165	2124	
20-22 AWG				
Cover Color	Gray	Blue	Green	
Part #		3163	3122	3101
24-26 AWG				
Cover Color		Orange	Yellow	Red

m m		
[inch]		
Tolerance Unless Noted		
	.0	.00
m m	±.1	±.10

[] Dimensions for Reference Only

Ordering Information

371XX-XXXX-000 FL

Positions
03 or 04

Wire AWG & OD:
2XXX = 20-22 AWG
3XXX = 24-26 AWG
Wire OD - see Table 1

Note: Terminate using common pliers or 3M™ Scotchlok™ E-9BM or E-9E crimping tools.

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