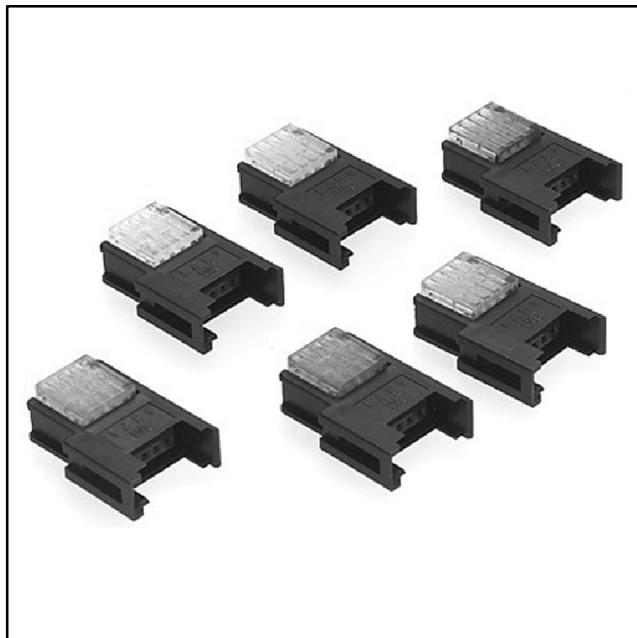


3M™ Mini-Clamp Socket

2 mm IDC, Wiremount, Optional Latch

373 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

TS-2094-02
Sheet 1 of 3

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

3M™ Mini-Clamp Socket

2 mm IDC, Wiremount, Optional Latch

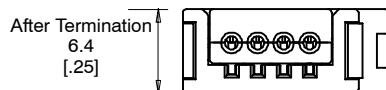
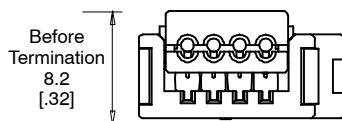
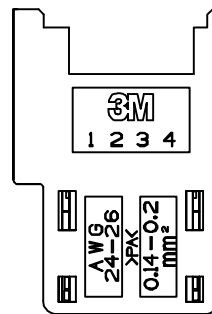
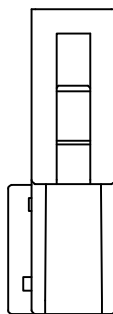
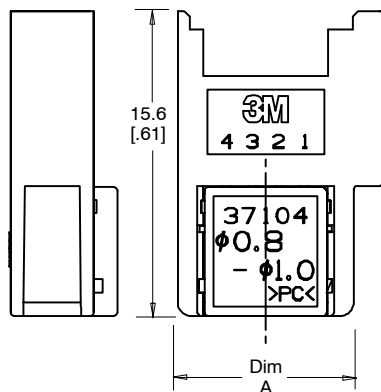
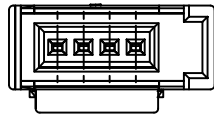
373 Series

No Latch

m m
[inch]

Tolerance Unless Noted		
	.0	.00
m m	±.1	±.10

[] Dimensions for
Reference Only



# Positions	Dim A
3	13.8 [.54]
4	15.8 [.62]



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 # 20-22 AWG	2206	2165	2124	
Cover Color	Gray	Blue	Green	
Part # 24-26 AWG		3163	3122	3101
Cover Color		Orange	Yellow	Red

Ordering Information

373XX-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.

TS-2094-02
Sheet 2 of 3

3M™ Mini-Clamp Socket

2 mm IDC, Wiremount, Optional Latch

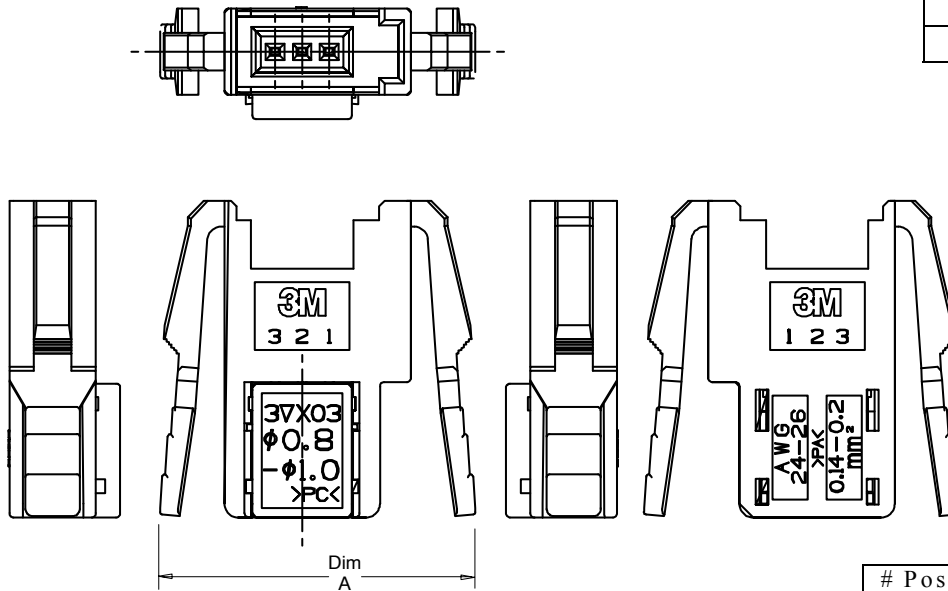
373 Series

With Latch

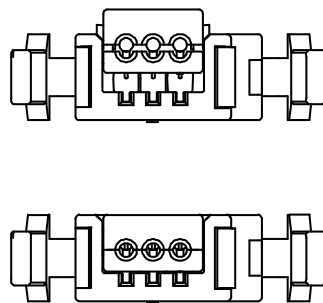
m m
[inch]

Tolerance Unless Noted		
	.0	.00
m m	±.1	±.10

[] Dimensions for Reference Only



# Positions	Dim A
3	23.4 [.92]
4	25.4 [1.0]



See "Without Latch" for other dimensions

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 # 20-22 AWG	2206	2165	2124	
Cover Color	Gray	Blue	Green	
Part # 24-26 AWG		3163	3122	3101
Cover Color		Orange	Yellow	Red

Ordering Information

373XX-XXXX-OPO FL

Positions
03 or 04

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

TS-2094-02
Sheet 3 of 3

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