Wire to Board Connectors
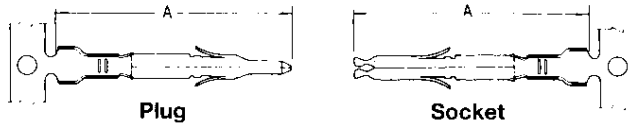# Mini-Universal MATE-N-LOK Connectors
Wire Application Side
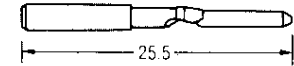
Contacts

Material : Brass
Pin Dia. : 1mm

Plug　　　**Socket**

Keying Plug

Material : UL94V-0 rated,
66 nylon natural
Part Number : 174670-1

25.5

Wire Range		Wire Ins. Dia.	Dim. A	Material/Finish	Contact Part No.				Hand Tool No.
AWG	mm²				Strip Form		Loose Piece		
					Pin	Socket	Pin	Socket	
26-22	0.12~0.35	1.2~1.75	17.0	Brass/Pre-Tin	170359-1	170361-1	170363-1	170365-1	91529-1 (114-5050)
				Brass/Sel. Gold	170359-3	170361-3	170363-3	170365-3	
				Phos. Brz. Pre-Tin	170359-4	170361-4	170363-4	170365-4	
22-18 or 22×(2)	0.30~0.89 or 0.30~0.35×(2)	1.5~2.4 or 3.4 Max.		Brass/Pre-Tin	170360-1	170362-1	170364-1	170366-1	91522-1 (114-5050)
				Brass/Sel. Gold	170360-3	170362-3	170364-3	170366-3	
				Phos. Brz. Pre-Tin	170360-4	170362-4	170364-4	170366-4	
20-16 or 20×(2)	0.5~1.3 or 0.5×(2)	2.0~3.2 or 2.4×(2)	17.5	Brass/Pre-Tin	171636-1†	171637-1†	171638-1†	171639-1†	91536-1 (408-8547-1)

Contact Insertion tool No. 455830-1
Contact extraction tool No. 189727-1(408-4118)

Housings
1 Circuit
(For Free-Hanging Applications)

Material : 66 Nylon

Plug
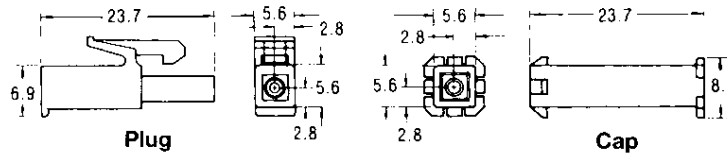
Part No. : 172164-1 UL94V-0
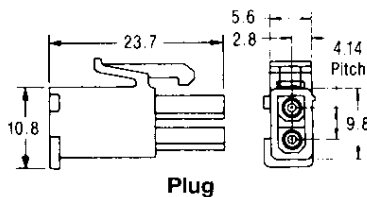**Part No. : 172335-1** UL94V-2

Cap

Part No. : 172156-1 UL94V-0
Part No. : 172327-1 UL94V-2

Note : Housing colors are all natural. Other colors, red, green, blue and black, are also available. When ordering, attach appropriate dash numbers as follows.
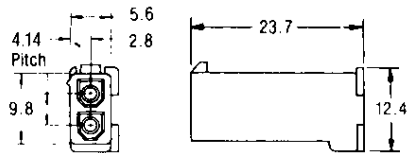(Red) : 1-□-2　(Green) : 1-□-5　(Blue) : 1-□-6　(Black) : 1-□-9

2 Circuits
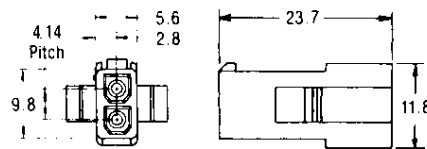## (For Free-Hanging and Panel Mount Applications)

Material : 66 Nylon

Cap Housing Panel Cutout

Plug

Part No. : 172165-1 UL94V-0
Part No. : 172336-1 UL94V-2

Cap (Free-Hanging)

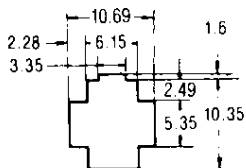**Part No. : 172233-1** UL94V-0
Part No. : 172343-1 UL94V-2

Cap (Panel Mount)

Part No. : 172157-1 UL94V-0
Part No. : 172328-1 UL94V-2

Note : Housing colors are all natural. Other colors, red, green, blue and black, are also available. When ordering, attach appropriate dash numbers as follows.
(Red) : 1-□-2　(Green) : 1-□-5　(Blue) : 1-□-6　(Black) : 1-□-9

4