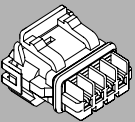
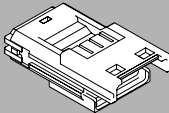
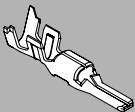
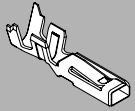
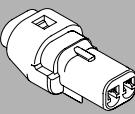
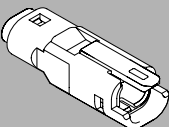
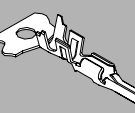
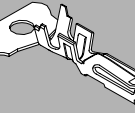


**molex**® 2.50mm (.098") Pitch  
**Splash Proof**  
**Wire-to-Wire Systems**

Sealed for Moisture Environments

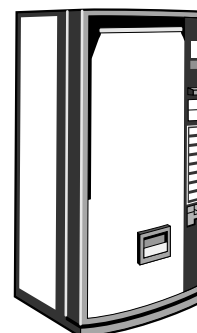
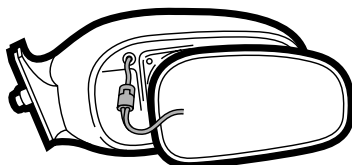
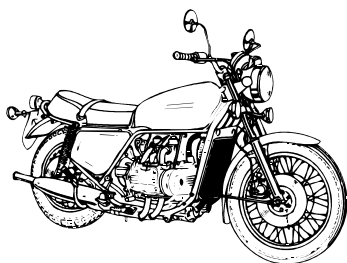
		Description	Circuit Size/ Wire Gauge	Material	Packaging	Order No.
<b>Splash Proof</b>		Receptacle	2	Polyester, UL 94V-0	Tray	52117-024X
			3			52117-034X
			4			52117-041X
		Plug	2	Polyester, UL 94V-0	Tray	52116-024X
			3			52116-034X
			4			52116-041X
		Male Terminal	20-22 AWG	Tin Plated Phosphor Bronze	Reel	50038-8000
					Bag	50038-8100
	Female Terminal	20-22 AWG	Tin Plated Phosphor Bronze	Reel	50039-8000	
				Bag	50039-8100	

<b>Mini Splash Proof</b>		Receptacle	2	Polyester, UL 94V-0	Tray	52213-0211
			3			52213-0311
			4			52213-0417
		Plug	2	Polyester, UL 94V-0	Tray	52266-0211
			3			52266-0311
			4			52266-0417
		Male Terminal	20-22 AWG	Tin Plated Phosphor Bronze	Reel	50147-8000
					Bag	50147-8100
	Female Terminal	20-22 AWG	Tin Plated Phosphor Bronze	Reel	50148-8000	
				Bag	50148-8100	

Note: Replace X with: 0 = White Color; 1 = Black Color; 2 = Red Color (available in 3 circuit only)

**APPLICATIONS**

- Motorcycle
- Automobile Door Mirror
- Vending Machine
- Recreation Vehicle
- Heated Toilet Seat
- Medical
- Marine/Boat
- Bug Zapper
- Factory Automation Equipment
- Bus
- Outdoor Lighted Sign



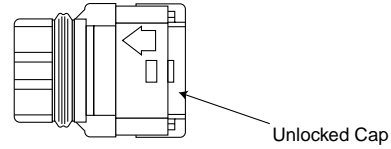
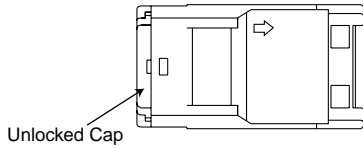
**molex**® 2.50mm (.098") Pitch  
**Splash Proof**  
**Wire-to-Wire Systems**

Sealed for Moisture Environments

**How the Splash Proof System Works**

**Plug:**

**Receptacle:**



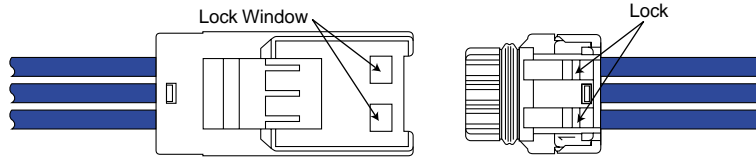
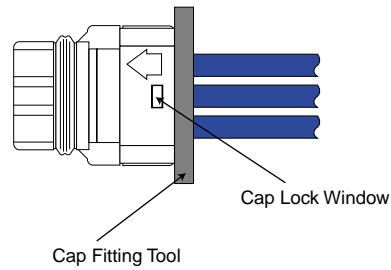
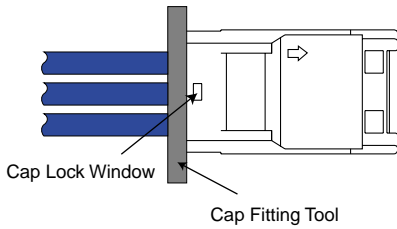
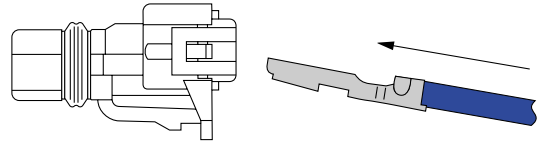
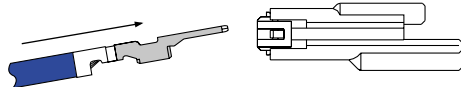
**1.** Make sure connector cap is in unlocked position

**2.** Insert crimped terminal into wire-end rubber seal hole and push the terminal in until you hear it click

**3.** Tug on the wire to confirm proper insertion of the terminal. Use "Cap Fitting Tool" to seat the cap into the plug and receptacle

Check and confirm that you can see more than half of cap lock through Cap Lock window

**4.** Match direction of lock and insert until the lock snaps in place



**APPLICATION TOOLING**

Terminal	Order No.	Packaging	Wire Gauge	Order No.						Hand Tool	Cap Fitting Tool
				TM40/42 Press		TM2000 Press		M15A Press			
				Terminator Die	Spare Tooling	Fine Adjust Applicator	Fine Adjust Spare Tooling	Mini-Mac Applicator*	Press Order No. 11-26-0033 Modular Crimp Die		
	50038-8000	Reel	20-22 AWG	63850-6000	63850-6070	63860-6000	63860-6070	69037-1048	57084-3000	57085-5000	57130-6000
	50038-8100	Bag									
	50039-8000	Reel	20-22 AWG	63850-6000	63850-6070	63860-6000	63860-6070	69037-1048	57084-3000	57085-5000	57131-6000
	50039-8100	Bag									
	50147-8000	Reel	20-22 AWG	63851-7100	63851-7170	63861-7100	63861-7170	69037-1235	57144-3000	57132-5000 22 AWG	57147-6000
	50147-8100	Bag									
	50148-8000	Reel	20-22 AWG	63851-7100	63851-7170	63861-7100	63861-7170	69037-1235	57144-3000	57132-5000 22 AWG	57148-6000
	50148-8100	Bag									

\*Mini-Mac Available in Europe Only

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