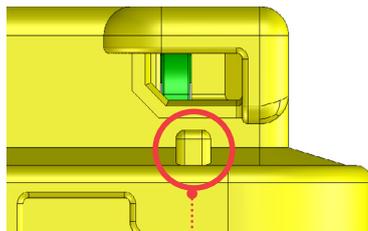
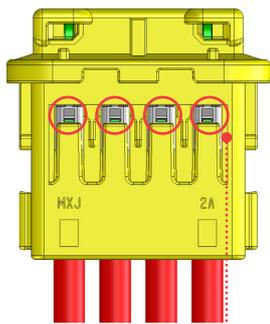


MUO 2.5 Termination Connector

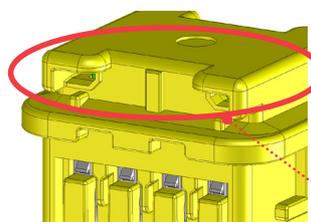
molex[®]

The MUO 2.5 termination connector replaces closed-end (CE) terminals efficiently as a grounding solution. It reduces harness assembly lead time and improves reliability and processing at OEM and cable assembly houses.

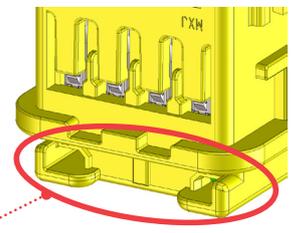
Features and Benefits



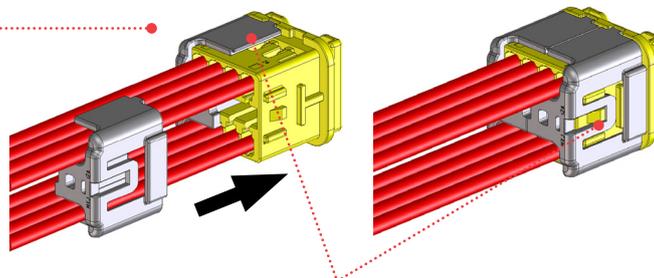
Tangle Prevention
Wire entanglement prevention feature.



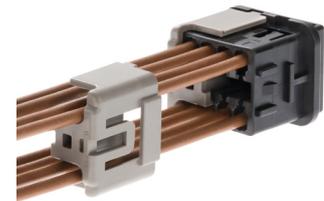
Simple Water Exhaust Function
Prevents water from permeating inside of the housing



Finger Protection
Terminal lance is exposed, a potential electrical hazard. Retainers cover this area and prevent potential hazard.



Two Separated Retainers
2 separated retainers protect cables and secure the terminal position. Also, electrical shock hazard is removed.



MUO 2.5 Termination Connector 8 Circuits
MUO 2.5 Termination Connector shown with separated wire retainers

Applications

General Home Appliance

- Shower
- Toilet
- Hair Dryer
- Washing Machine
- Refrigerator

HVAC Equipment

- Water Heater
- Fan Heater
- Floor Heating System
- Air Conditioner



Water Heater



Refrigerator



Hair Dryer

MUO 2.5 Termination Connector



Specifications

REFERENCE INFORMATION

Packaging: Poly Bag
Terminal Used: Copper Alloy, Tin Plating
Designed In: Millimeters
RoHS: Compliant
Glow Wire Compliant: No

ELECTRICAL

Voltage (max.): 250V (AC/DC)
Current (max.): 6.0A (Refer to below table)
Contact Resistance: 20 milliohms MAX.
Insulation O.D.: $\phi 0.85 \sim \phi 2.00$ mm

PHYSICAL

Housing: PA66
Contact: Copper Alloy
Plating: Tin (overall)
Operating Temperature: -40 to +105°C

MECHANICAL

Contact Insertion Force: 9.8N MAX
Contact Retention to Housing: 9.8N MIN

Allowable Current (MAX.)	Applicable Wire	Allowable Current	Applicable Receptacle
	AWG #20	6.0A	505597-9*00
	SHKV0.5	5.5A	
	AWG #22	5.0A	505597-9*00
	SHKV0.3	4.5A	56134-9*00
	AWG #24	4.0A	59370-8*00
	AWG #26	3.5A	56134-9*00
	AWG #28	3.0A	59370-8*00

Ordering Information

Series No.	Component	Circuit Size	Applicable Wire
505594	Retainer	2, 4	-
505596	Header Housing	4, 6, 8	AWG #20, #22, #24, #26, #28 SHKV 0.5, SHKV 0.3
505597	Receptacle Terminal	-	SHKV 0.5
56134	Receptacle Terminal	-	SHKV 0.3
59370	Receptacle Terminal	-	SHKV 0.3

www.molex.com/link/muo25.html