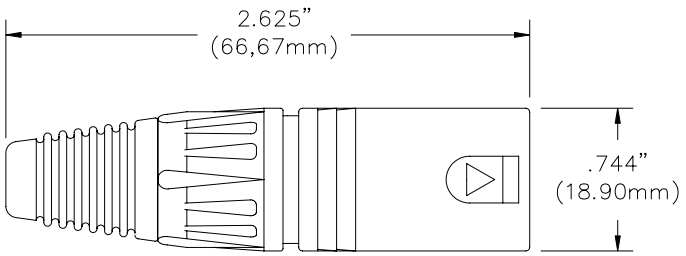
Pomona ELECTRONICS

Technical Data Sheet

Models 6851
3-Pin XLR (M), Gold Contacts, Black Nickel Plating





Model 6851 3-Pin XLR (M), gold contacts, black nickel plating

Use Pomona XLR's to connect your audio applications.

Features

- Three-pin XLR plug.
- Black streamlined profile with compact shell. Rugged construction.
- Handles 14 AWG (2.0 mm^2 max.).
- Low contact resistance.
- Solderable.

Materials

- Body is die cast zinc alloy with tarnish resistant black nickel finish.
- Contacts are gold-plated machined brass.
- Strain relief clamp designed for durability: POM (Polyoxymethylene).

Ordering Information

Model: 6851

Specifications

Number of contacts	3
Contact resistance	≤ 3 mΩ
Dielectric strength	1500 V dc
AWG	14 AWG / 2.5 mm^2 max.
Pull strength	45 lbs. typical
Cable O.D. range	3.0 mm – 6.5 mm (0.118" to 0.255")

USA: Sales: 800-490-2361 Technical Support: 800-241-2060 Fax: 888-403-3360

Europe: 31-(0) 40 2675 150 **International**: 425-446-5500

e-mail: technicalsupport@pomonatest.com

Where to Buy: www.pomonaelectronics.com

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (,51 mm), .xxx = ± .005" (,127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.

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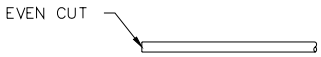
Pomona ELECTRONICS

Technical Data Sheet

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Cable Assembly Instructions

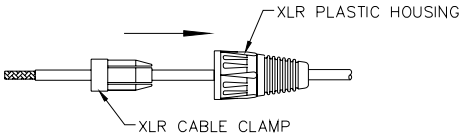
1. CUT CABLE END EVENLY AND PERPENDICULAR



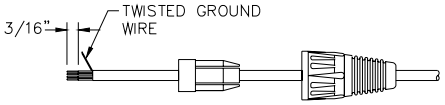
2. STRIP CABLE TO DIMENSIONS SHOWN.



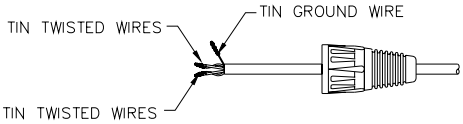
3. SLIDE PLASTIC HOUSING AND CABLE CLAMP OVER CABLE IN DIRECTION SHOWN.



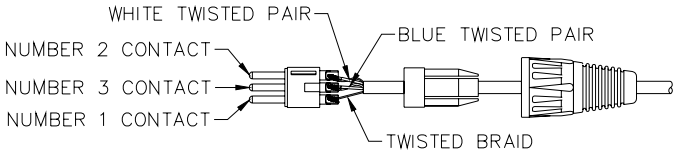
4. REMOVE BRAID AND FILLER EVEN WITH CABLE JACKET. SEPARATE GROUND FROM INNER WIRES AND TWIST. STRIP WHITE AND BLUE WIRES TO 3/16".



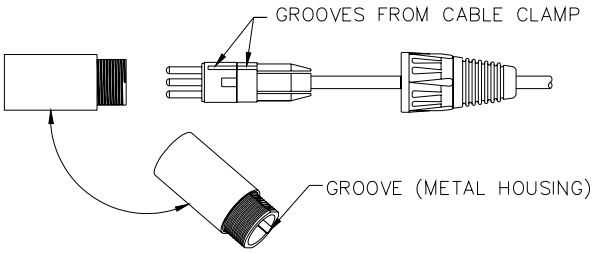
5. TWIST STRIPPED WHITE WIRES TOGETHER AND TIN. TWIST STRIPPED BLUE WIRES TOGETHER AND TIN. TWIST AND TIN GROUND WIRE.



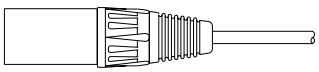
6. SOLDER GROUND WIRE TO THE NUMBER 1 CONTACT (CONTACT NUMBERS PRINTED ON PLASTIC HOUSING). SOLDER WHITE TWISTED PAIR TO NUMBER 2 CONTACT. SOLDER BLUE TWISTED PAIR TO NUMBER 3 CONTACT.



7. SLIDE CABLE CLAMP FORWARD OVER SOLDERED CONNECTION AND LINE UP THE KEYS (SLOTS) AS SHOWN. LINE UP GROOVES FROM CABLE CLAMP AND METAL HOUSING. SLIDE CABLE CLAMP ASSEMBLY INTO METAL HOUSING.



8. SLIDE PLASTIC HOUSING FORWARD AND THREAD ONTO METAL HOUSING AS SHOWN.



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