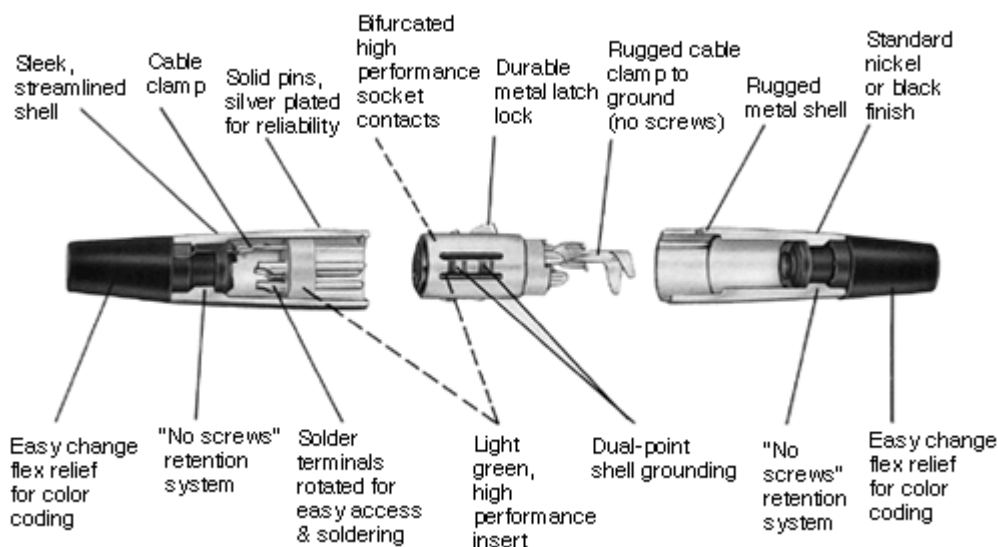


# Switchcraft®

[Previous Page](#) | [Return to Index](#) | [Next Page](#)



## Q.G® CONNECTORS

### Q.G® AUDIO CONNECTORS A, AA, AND QGP SERIES

[click here to download a schematic drawing](#)

(you will need to have Adobe Acrobat installed on your system to do this)



QGP connectors (3 contacts only) feature Vel\_Tone® non\_reflective finish, gray TPR flex relief and plated pins/contacts for the most demanding applications.

Preferred by audio professionals the world over, Switchcraft® QG® connectors feature unsurpassed durability and a choice of finishes and contact platings. Features include:

- \* High performance inserts in traditional Switchcraft® green or black.
- \* Solder terminals rotated for easier access and soldering.

- \* All metal housing.

### **AA Series Only**

- \* Rugged 1-piece cable clamp to relieve pulling and twisting stresses on terminations.
- \* No Screws flex relief retention system.
- \* Integral bump shell grounding system.

## **SPECIFICATIONS**

### **ELECTRICAL**

**Contact Resistance:** 50 milliohm maximum, per pole.

**Current Rating:** 3 pole - 15A, 4 pole - 10A, 5 and 6 pole - 7.5A, 7 pole - 5A @ 125VAC.

**Insulation Resistance:** 1,000 M(omega), minimum.

**Dielectric Withstanding Voltage:** 1,000 V (rms).

**Capacitance:** 2 pF between pins and 4 pF between pins and shell, maximum (AA3M and AA3F).

### **MECHANICAL**

**Insertion/Withdrawal Forces:** 7 pound maximum, 5 pound nominal, insertion; 7 pound maximum, 5 pound nominal, withdrawal.

**Wire Size:** #12 wire gauge solid; #14 wire gauge stranded (3 contact). #14 wire gauge solid; #16 wire gauge stranded (4 contact). #16 wire gauge solid; #18 wire gauge stranded (5 and 6 contact). #18 wire gauge solid; #20 stranded (7 contact). (Q-G and QGP).

### **MATERIAL**

#### **Q-G Connectors (A and AA Series)**

**Shell:** Die-cast zinc. Satin nickel finish, black velvet.

**Insert Insulation:** Molded thermoplastic.

**Socket Contacts:** Silver-plated copper alloy tarnish-resistant; bifurcated on 3-contact type. Gold is available

**Pin Contacts:** Silver-plated copper alloy. Resists tarnishing, and provide excellent electrical conductivity. Gold is available.

**Latchlock:** High-strength die-cast zinc.

**Latch Release:** Steel, nickel-plated.

**Latch Detent:** Formed stainless steel.

**Insert Screw:** Stainless steel.

**Flex Relief:** TPR (thermoplastic rubber).

### QGP Connectors

**Shell:** Die-cast zinc, non-reflective gray Vel-Tone<sup>®</sup> finish.

**Socket Contacts:** Gold-plated copper alloy

**Pin Contact:** Gold-plated copper alloy

### PART NUMBERS - FEMALE CORD PLUGS

| Advanced Q-6&#174; Cord Plugs, Series AA(*)F and AQGP |        |          |        |        |          |   |
|-------------------------------------------------------|--------|----------|--------|--------|----------|---|
| AA3F                                                  | AA3FB  | ☐AA3FBAU | ☐AA3FD | ☐AA3FL | ☐AQGP322 | 3 |
| -                                                     | -      | -        | AA3FLD |        | -        | 3 |
| ☐AA4F                                                 | ☐AA4FB | -        | ☐AA4FD | ☐AA4FL | -        | 4 |
| ☐AA5F                                                 | ☐AA5FB | -        | ☐AA5FD | ☐AA5FL | -        | 5 |
| ☐AA6F                                                 | ☐AA6FB | -        | ☐AA6FD | ☐AA6FL | -        | 6 |
| ☐AA7F                                                 | ☐AA7FB | -        | ☐AA7FD | ☐AA7FL | -        | 7 |

☐Available on special order only; contact Switchcraft for price and delivery.

### PART NUMBERS - MALE CORD PLUGS

| Advanced Q-6&#174; Cord Plugs, Series AA(*)M and AQGP |        |          |        |          |   |
|-------------------------------------------------------|--------|----------|--------|----------|---|
| AA3M                                                  | ☐AA3MB | ☐AA3MBAU | ☐AA3ML | ☐AQGP323 | 3 |
| ☐AA4M                                                 | -      | -        | ☐AA4ML | -        | 4 |
| ☐AA5M                                                 | ☐AA5MB | -        | ☐AA5ML | -        | 5 |
| ☐AA6M                                                 | -      | -        | ☐AA6ML | -        | 6 |
| ☐AA7M                                                 | -      | -        | ☐AA7ML | -        | 7 |

☐ Available on special order only; contact Switchcraft for price and delivery.

All above part numbers have black flex relief installed. Contact Switchcraft for color flex relief.

[Previous Page](#) | [Return to Index](#) | [Next Page](#)

**To search a category please click on the corresponding icon:**



| [Connectors](#) | [Jacks and Plugs](#) |  
| [Patch Panels, Patch Kits & Jackfields](#) | [Cable Assemblies and Patch Cords](#) | [Switches](#) |

**All products shown are covered by Switchcraft's limited lifetime warranty.**

| [Switchcraft home](#) |  
[About Us](#) | [Products](#) | [What's New](#) | [Search](#) | [Contact Us](#)