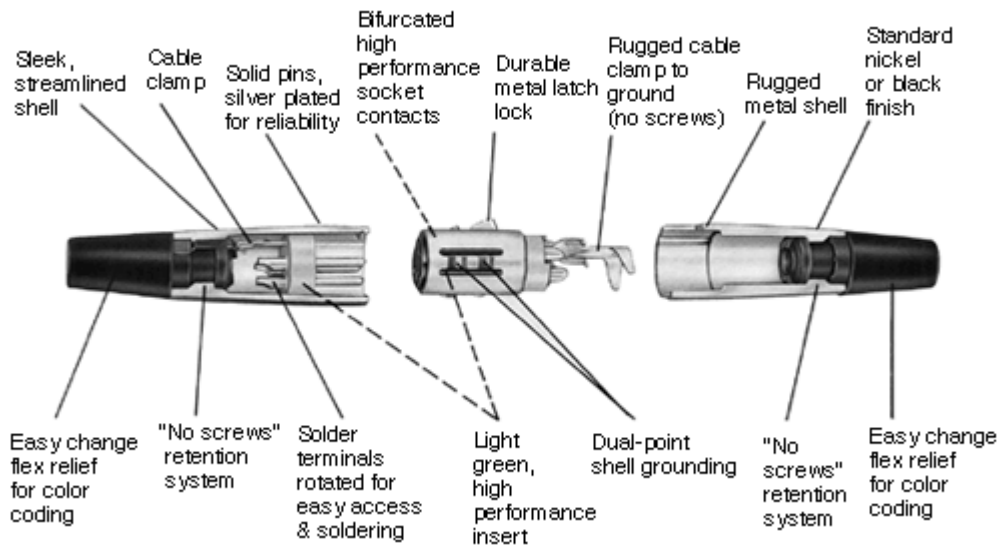


# Switchcraft®

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## 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.

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