

Q-G® CONNECTOR PART NUMBERING

Series	Number of Contacts	Gender	Options
A CORD PLUG WITH SCREW CABLE CLAMP	3-7	M MALE	D FAS-DISCONNECT (FEMALE CONNECTORS)
AA CORD PLUG WITH CRIMP CABLE CLAMP		F FEMALE	B BLACK EPOXY FINISH
AAA CORD PLUG WITH TWIST ON HANDLE			
B FRONT PANEL MOUNT USING NUT		FM BOTH (S SERIES)	ST STRAIGHT PC TAILS
C FRONT PANEL MOUNT - CIRCULAR			RA RIGHT ANGLE PC TAILS
D FRONT PANEL MOUNT - RECTANGULAR			M MOMENTARY SWITCH ACTION (T SERIES ONLY)
E MODULAR FRONT PANEL MOUNT			PC PC TERMINALS (Y SERIES ONLY)
G WALL PLATE - 1 B SERIES MALE			N KNURLED COUPLING NUT (L SERIES ONLY)
H WALL PLATE - 2 B SERIES MALES			L FLEX RELIEF FOR .250" TO .328" CABLE O.D.
J WALL PLATE - 1 D SERIES FEMALE			S SEE NOTE 1.
K WALL PLATE - 2 D SERIES FEMALE			AU GOLD CONTACTS
L MICROPHONE ADAPTER - INTERNAL THREAD			H HOUSING ONLY
M MICROPHONE ADAPTER - EXTERNAL THREAD			OPTIONS SHOWN IN ORDER OF APPEARANCE
N CAP PLUG			Z SCREWLESS STRAIN RELIEF
P GOOSENECK MOUNT			
QG CONNECTOR INSERT			
R RIGHT-ANGLE CORD PLUG			
S MALE/FEMALE BARREL ADAPTER			
T CORD PLUG WITH ON-OFF SWITCH			
W RIGHT-ANGLE PANEL MOUNT			
Y REAR PANEL MOUNT			

NOTE 1: S HAS DIFFERENT DESIGNATIONS DEPENDING ON THE SERIES.
 FOR A, AA, AND T SERIES: SMALL FLEX RELIEF FOR .105" TO .205" CABLE OUTSIDE DIAMETER
 FOR B, C, AND D SERIES: SANDED FRONT FACE FINISH
 FOR G, H, J, AND K SERIES: STAINLESS STEEL WALL PLATE (STANDARD)
 FOR N SERIES: SHORTING WIRING INSTALLED
 NOTE 2: J, K AND T SERIES AVAILABLE IN FEMALE GENDER ONLY.
 G, H, L, M, N, AND W SERIES AVAILABLE IN MALE GENDER ONLY.

PROFESSIONAL SERIES Q-G® CONNECTOR PART NUMBERING SYSTEM

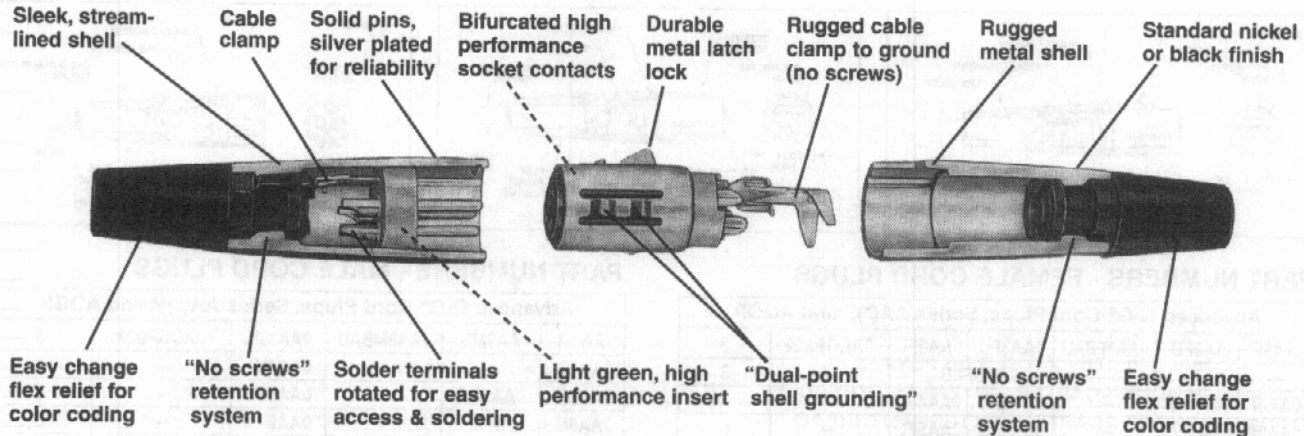
Series	Number of Contacts	Model
PROFESSIONAL SERIES	3	22 FEMALE CORD PLUGS
QGP PROFESSIONAL SERIES CORD PLUG WITH CRIMP CABLE CLAMP		23 MALE CORD PLUGS
AQGP	62	RECTANGULAR FEMALE PANEL MOUNT
	63	RECTANGULAR MALE PANEL MOUNT

DIMENSIONS ARE FOR REFERENCE ONLY $\frac{\text{Inch}}{\text{(mm)}}$

Switchcraft® CONNECTORS & RECEPTACLES

Q-G® CORD PLUG CONNECTORS (continued)

Q-G® AUDIO CONNECTORS A, AA, AND QGP SERIES



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 MΩ, 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.

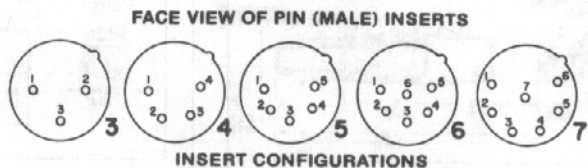
Flex Relief: TPR (thermoplastic rubber).

QGP CONNECTORS

Shell: Die-cast zinc, non-reflective gray Vel-Tone® finish.

Socket Contacts: Gold-plated copper alloy

Pin Contact: Gold-plated copper alloy



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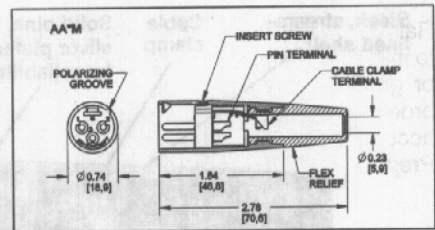
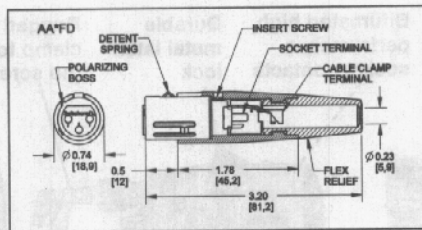
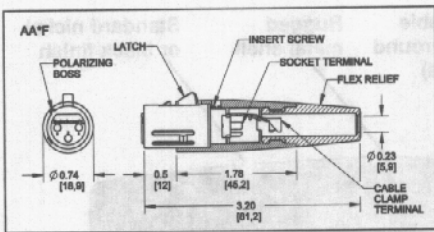
Q-G® CORD PLUG CONNECTORS (continued)



AA(*)F CORD PLUG

AA(*)FD CORD PLUG

AA(*)M CORD PLUG



PART NUMBERS - FEMALE CORD PLUGS

PART NUMBERS - MALE CORD PLUGS

Advanced Q-G® Cord Plugs, Series AA(*)F and AQGP

AA3F	AA3FB	AA3FBAU	AA3FD	AA3FL	AAQGP322	3
AA3FLD						3
AA4F	AA4FB	—	AA4FD	AA4FL	—	4
AA5F	AA5FB	—	AA5FD	AA5FL	—	5
AA6F	AA6FB	—	AA6FD	AA6FL	—	6
AA7F	AA7FB	—	AA7FD	AA7FL	—	7

Advanced Q-G® Cord Plugs, Series AA(*)M and AQGP

AA3M	AA3MB	AA3MBAU	AA3ML	AAQGP323	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.

A(*)F CORD PLUG

A(*)FD CORD PLUG

A(*)M CORD PLUG

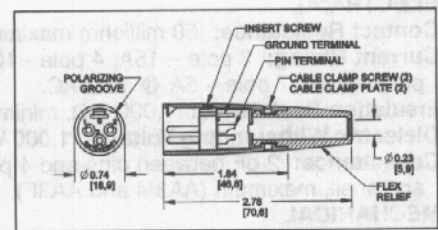
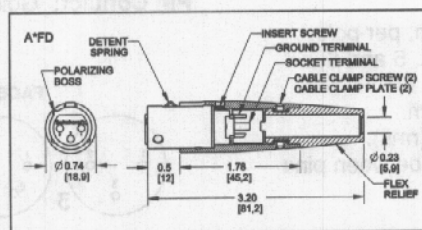
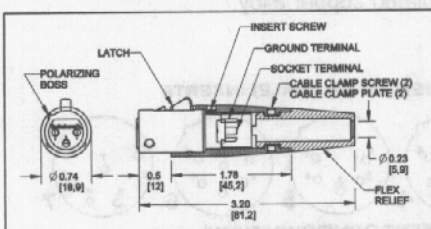
*Number of insert contacts or pins must be specified to complete part number.



Straight female cord plug with standard latchlock. Available in 3-7 pin versions.

Straight female cord plug with FAS-DIS-CONNECT detent.

Straight male cord plug.



PART NUMBERS - FEMALE CORD PLUGS

PART NUMBERS - MALE CORD PLUGS

Standard Q-G® Cord Plugs, Series A(*)F and QGP

Satin Nickel Finish	Black Finish		Fas-Dis-Connect	Large Flex Relief ²	QGP Series	Insert Contacts
	Silver ¹	Gold ¹				
A3F	A3FB	A3FBAU	AA3FD	A3FL	QGP322	3
A3FS ³	—	—	—	—	—	3
A4F	A4FB	A4FBAU	AA4FD	A4FL	—	4
A5F	A5FB	A5FBAU	AA5FD	AA5FL	—	5
A6F	A6FB	A6FBAU	—	—	—	6
A7F	A7FB	A7FBAU	—	—	—	7

Standard Q-G® Cord Plugs, Series A(*)M and QGP

Satin Nickel Finish	Black Finish		Large Flex Relief ²	QGP Series	Insert Contacts
	Silver ¹	Gold ¹			
A3M	A3MB	A3MBAU	A3ML	QGP323	3
A3MS ³	—	—	—	—	3
A4M	A4MB	A4MBAU	A4ML	—	4
A5M	A5MB	A5MBAU	AA5ML	—	5
A6M	—	A6MBAU	—	—	6
A7M	—	A7MBAU	—	—	7

- Contact plating.
 - Accepts cables from .25" (6.35 mm) to .328" (8.33 mm) diameter
 - Accepts cables from .105" (2.7 mm) to .205" (5.2 mm)
- 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.
Available on special order only; contact Switchcraft for price and delivery.

DIMENSIONS ARE FOR REFERENCE ONLY Inch
(mm)

Switchcraft® CONNECTORS & RECEPTACLES

Q-G® CONNECTORS (continued)

Q-G® COLOR FLEX RELIEFS

Rainbow color cable strain relief bushings can be specified to match or complement equipment decors or code individual or grouped connections for quick recognition. On special order, tan, pink and dark blue are available. Bushings accommodate cables from .21" to .30" diameter. Prepackaged, 25 per bag.

Q-G® FLEX RELIEF

Flex relief bushing with small opening accommodates cables from .105" (2.7 mm) to .205" (5.2 mm). Standard size bushing accepts cables from .210" (5.3 mm) to .300" (7.6 mm) outside diameter. Bushing with large opening accommodates cables from .300" (7.6 mm) to .328" (8.3 mm). Larger cables are often needed for multiple-conductor instrumentation. Code letter "L" in last or second to last digit in part number indicates plug with large bushing. Code letter "S" in last or second to last digit in part number indicates plug with smaller bushing.

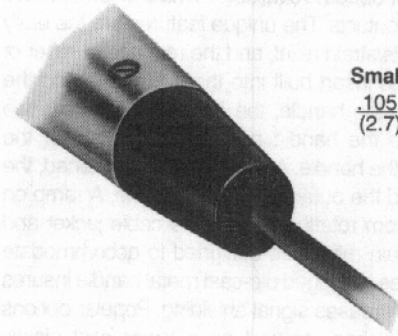
SWITCHCRAFT PART NUMBER ◊K255

Package of 100 cable clamp screws.

◊ Special order only; contact Switchcraft for price and delivery.

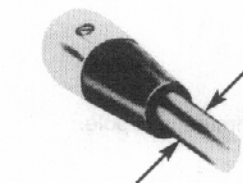
Part Numbers		Flex Relief Color	Flex Relief Only
3 Pins/Contacts			
Female	Male		
A3F01	A3M01	Black	SR00
◊A3F01	◊A3M01	Brown	SR01
◊A3F02	◊A3M02	Red	SR02
◊A3F03	◊A3M03	Orange	SR03
◊A3F04	◊A3M04	Yellow	SR04
◊A3F05	◊A3M05	Green	SR05
◊A3F06	◊A3M06	Blue	SR06
◊A3F07	◊A3M07	Violet	SR07
◊A3F08	◊A3M08	Gray	SR08
◊A3F09	◊A3M09	White	SR09

◊ Special order only; contact Switchcraft for price and delivery.



Small Cables

.105 to .205
(2.7) (5.2)



Standard Cables

.210 to .300
(5.3) (7.6)

Large Cables

.300 to .328
(7.6) (8.3)

DIMENSIONS ARE FOR REFERENCE ONLY $\frac{\text{Inch}}{(\text{mm})}$