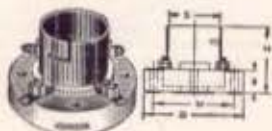




TUBE SOCKETS



123-209
-210, -211, -215

"The World's Most Famous Tube Sockets," a title earned over years of top quality in material, workmanship, and design, cover nearly every transmitting tube requirement. "JOHNSON" sockets are specified by exacting users.

Nos. -209, -210, -211 and -215 all have heavy phosphor bronze, side wiping type contacts, aluminum shells and clear white, glazed porcelain bases.

No. -209 is similar to No. -210, but provides greater spacing between contacts and shell, for higher voltages. No. -211, the standard "50 watt" socket has double filament contacts for carrying heavy currents. Terminals are permanently and plainly marked with identifying letters molded in base both top and bottom.

No. -215 is for tubes having a GIANT 5 pin bayonet base such as the 803, HK28, etc. -210F and -211F are enclosed in lustrous black finished aluminum housing for front of panel mounting.

"S" dimension -209, -210 series 1.386", -211 series 1.866", -215 series 2.196".

Suffix letter "B" identifies sockets with beryllium copper contacts, suffix letter "S" sockets with steatite bases.

Cat. No.	D	H	M	B Base
123-209	2.000	1.188	2.196	Medium
123-209B	2.000	1.188	2.196	Four
123-209S	2.000	1.188	2.196	Pin
123-209SB	2.000	1.188	2.196	Bayonet
123-210	2.000	1.188	2.196	Standard
123-210B	2.000	1.188	2.196	Jumbo
123-210F	2.000	1.188	2.196	Four
123-211	2.000	1.188	2.196	Pin
123-211B	2.000	1.188	2.196	Standard
123-211S	2.000	1.188	2.196	Jumbo
123-211SB	2.000	1.188	2.196	Four
123-211F	2.000	1.188	2.196	Pin
123-215	2.196	2.000	2.196	Giant
123-215B	2.196	2.000	2.196	Five
123-215S	2.196	2.000	2.196	Pin
123-215SB	2.196	2.000	2.196	Bayonet

No. -213 takes Eimac 152TL and 304TL. Contacts arranged for either series or parallel filaments.

No. -214 takes Eimac 1500TH and similar tubes. Has air jet tube for cooling filament tube seals.

No. -215 is for "250 watt" tubes such as 204A, 849, etc. The plate terminal has a "safety cup" which prevents accidental dislodgement of the tube.

Cat. No.	Base
124-213	"Eimac"
124-214	"Eimac"
124-215	"250 Watt"

MINIATURE SOCKETS

Cat. No.	Description
120-267	Miniature socket, all ceramic
120-277B	Miniature socket with shield base
133-277B	Miniature socket, shield base only
133-278A	1 3/8" shield for 277 B or S
133-278B	1 3/8" shield for 277 B or S

Sockets for 9000 series and miniature series such as 154, 155, 174, 1R5, etc. No. -267 all steatite type. No. -277B steatite base with metal mounting ring which extends upward to form a shield. No. -277B is shield base only as used on No. -277B and can be used with No. -267 or other similar sockets. Nos. -278A and B are shield caps to fit No. -277B or No. -277S. Available in two sizes, they include an inside coil spring to hold the tube firmly in position.

ACORN SOCKETS

Cat. No.	Mfg. Cen.
121-265	1 1/2
121-235	1 1/2
121-245	1 1/2

Nos. -235, and -265 were all designed for new "acorn" tubes. Nos. -235 and -265 are similar except for size. No. -235 is more rugged but requires slightly more mounting space. No. -245 is a plated metal base and includes built-in by-pass condensers as an integral part of each contact. Contacts insulated by mica. All contacts silver plated beryllium copper.

JOHNSON water sockets are insulated with grade L 4 steatite or better, top and sides glazed, underside impregnated in conformance with latest Army Navy specifications. Contacts are brass with steel spring, cadmium plated and are mounted against phenolic washers in molded recesses to prevent movement. Rivets are countersunk and mounting holes bossed to permit sub-panel mounting. Locating grooves facilitate tube insertion.

Cat. No.	Base
122-224	4 pin
122-225	5 pin
122-226	6 pin
122-227	7 pin med.
122-217	7 pin small
122-228	Octal

No. -237 is a 7 pin large steatite water socket for transmitting tubes having a GIANT 7 pin base such as the HK257, and RCA 813.

No. -247 is a 7 pin steatite water socket for transmitting tubes such as the 805. It is furnished with etched aluminum base shield. No. -248 is the same as the No. -247 except for its small "L" dimension, is also furnished with shield and has the same mounting dimensions.

Cat. No.	Dimension L
122-237	2 3/4"
122-247	2 1/2"
122-248	2 1/2"

The 122-101 is a 7 pin steatite water socket of special design incorporating a base shield, retainer springs and provision for mounting button mica capacitors directly to the socket. Socket is specially designed for UHF use with tubes such as the 805, 829 and 832. Contacts and spring are all silver plated and recessed to prevent movement. Grid terminals are designed so connecting wires may be isolated from other circuits and permit small grid coils to be mounted on the terminal ends. Four mounting holes are equally spaced 2.312 inches between centers.

The 122-275 is a 5 pin steatite water socket for transmitting tubes having a GIANT 5 pin base such as the 4-125A and RK48. Contacts are of a superior construction, brass clip and steel spring, both cadmium plated, and are designed for high currents. Stray capacitance, each contact to ground, 2.1 mmf. (socket mounted on metal chassis). Adequate ventilation for tubes is provided by five 1/4" holes spaced between contacts. Four mounting holes are equally spaced 2 1/4" between centers.

The 122-244 is a 4 pin water socket of steatite insulation, for transmitting tubes having a SUPER JUMBO base such as the 8008. Brass clip contacts and reinforcing steel springs are cadmium plated and are designed for high currents. Stray capacity contacts to ground, 1.25 mmf. Four mounting holes spaced 1 1/8" between centers.

The No. -212 socket for RCA833 or 833A. Base of steatite. Filament clamps incorporate "springs" which minimize strains on the glass tube seals and prevent breakage. Plate leads include laminated phosphor bronze strips for flexibility. Regularly supplied with 5/16" plate leads. Other lengths available on special order.

No. -234 for Western Electric 5D21, 7D5A, 715A, 715B Raytheon, RK72 and RK72 includes heavy steatite base and special locking device for retaining tube in socket.

THE JOHNSON TUBE SOCKET GUIDE IS AVAILABLE UPON REQUEST.